



Presents

*Pervidi*TM
Work Smarter

Per-vi`-di - (Verb, Latin) - to look over, survey, inspect, discern

Providing Solutions for:

RFP 864-11776

Inspections Software & Maintenance

Airport Operations

for

City of Fort Lauderdale, FL

City of Fort Lauderdale Procurement Services Division

100 N. Andrews Avenue, #619

Fort Lauderdale, FL 33301 (City Hall)

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Techs4Biz Corporation, a leading qualified and experienced developer of intuitive solutions for business productivity, is pleased to present a proposal for automating your Airport Operations inspections activities (collectively referred to as 'inspections' below).

Pervidi, our easy-to-use solution is a Commercial Off The Shelf product (COTS) that:

- Improves operational efficiencies and performance of daily tasks, inspections, data collection, tickets, work orders, etc.
- Simplifies and standardises activities for technicians.
- Provides timely and easy access to information.
- Dramatically improves paperwork-related processes and inspections.

1. EXECUTIVE SUMMARY

For the past 17 years Pervidi has been used by many fortune 500 companies to automate a wide variety of safety inspections and asset tracking. Our customers include NASA, oil companies (used on dozens of oil rigs), mining, utilities, municipalities, and many other organizations. Pervidi is an off-the-shelf product that is highly customizable and can be tailored to specific needs – as described in this proposal.

Your RFP describes exactly what Pervidi already does! Based on your requirements, we believe that Pervidi can address about 90% of your requirements 'out of the box', meaning that our proposed solution is cost effective and easy to implement. The additional 10% of new development will be focused on configuring Pervidi and adding real time mapping/views and data import for your CAD overlay documents.

The main proposed tasks for this project include:

- Project management
- Requirement clarifications
- Creation of custom checklists
- Creating custom report formats
- Adjusting process and Corrective Actions (work orders)
- Integrating real-time GPS mapping
- Integration of CAD data import
- Adjusting Triggers and alerts

We therefore estimate that the project will be completed in less than 120 days with a proposed cost of less than \$100,000 (all inclusive).

Pervidi will be configurable for FXE operations and will be able to respond to property additions / deletions, regulation / checklist changes and will have the ability to be expanded to add additional checklists and work orders and accommodate changes in standard operating procedures.

We appreciate the opportunity to present Pervidi for your consideration and guarantee that you will be impressed with our product.

Thank you for your consideration.

2. ABOUT TECHS4BIZ

2.1 Company Overview

Techs4Biz is a Canadian technology innovator and provider of solutions for organizations that need to effectively manage their resources, services, and/or operations, including Computerized Maintenance Management Systems (CMMS), Inspection Management, Asset Management, Inventory Management, Field Service Management, and management of a variety of work orders.

Techs4Biz was established in 1999 and employs over 20 technical staff:

- Canadian Office (Head Office)
 - 15 Allstate Parkway, Suite 600, Markham, Ontario, Canada L3R 5B4

- U.S. Offices (Marketing, sales activities)
 - 150 Motor Parkway, Suite 401, Hauppauge, New York 11788

Local address in Florida:

- 3610 Yacht Club Drive, #413, Aventura, FL 33180 Attn: Eitan Shibi c/o Oscar Ortiz

- Australian Office (Marketing, Sales, Implementation, Support):
 - Pacific Tower, Suite 206, 737 Burwood Road, Hawthorn, Victoria, 3122

Pervidi was first launched in 1999, and has since been continuously updated by Techs4Biz. We started implementing inspections using the original Palm Pilots and desktop software. We migrated to using Windows-Mobile devices in 2003, followed by migration to iOS and Android devices a few years later.

Techs4biz is partnered with many safety distributors and hardware manufacturers including Apple, Google, Ecom, Microsoft, Samsung, Honeywell, Zebra, Motorola, Intermec, Unitech, HP, Socket, SerialIO, IDBlue, Psion, and many others.

Project Team

All of our implementations are performed by Techs4biz in-house staff. None of the work will be done using sub-contractors or 3rd party service providers. This includes full-time in-house software development, testing, project management, training and support.

Techs4Biz technical staff for this project includes:

- **Eitan Shibi** – Project Lead including Liaison and Project Management
Over 17 years' experience in automating inspections and replacing paper-based activities with technology. Experience includes leading Pervidi implementations in dozens of organizations including NASA, oil rigs, service organizations, mining and utilities, and many others.
- **Jennifer Pavey** – Lead Trainer and Technical Support
Over 5 years' experience in leading Pervidi implementations.
- **Mike Tysckewicz** – Senior Technical Support
Onsite/online training and ongoing support.
- **Anthony Cesario** – Technical Support
Online and telephone support.

2.2 Who is using Pervidi

Over the past 17 years we have developed a powerful and flexible system, comprised of numerous tools and technologies which allow us to quickly and easily tailor our system to numerous business needs and models, all related to the utilisation of corporate assets. To date, Pervidi has been deployed in a variety of organizations including small, medium, large, and Fortune 500 public and private companies.

A partial list of our customers includes:



We are pleased to provide the following references:

1. Jet Propulsion Labs (NASA)
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Ezra.R.Abrahamy@jpl.nasa.gov
(818) 354-1856
2. Universal Studios Florida
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870-567-8504
4. LBC
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c-harris@lbctt.com
281-291-3453
5. Oldcastle Materials
Brent Bray
Brent.Bray@oldcastlematerials.com
417-689-0049

3. TECHNICAL SPECIFICATIONS/SCOPE OF SERVICES

The following sections represent our direct responses to your requirements. Subsequent sections highlight additional features already included in Pervidi.

3.1 General

Pervidi combines mobile devices (running Android and/or iOS) with Web-based software to automate the complete inspection and Corrective Actions processes. Since Pervidi allows Admin-level users to define and/or modify inspection checklists, Pervidi can be used for virtually any type of inspection, checklist, work order and can be easily updated by the Admin-level user when regulations change.

We incorporate common-sense in our project implementations. For example, in order to direct maintenance staff onto the location of their Corrective Action (or work order), we recommend using Google Maps on the mobile devices and having Pervidi directly interface with Google Maps using the appropriate coordinates (i.e. where the work is to be done and where the Maintenance staff is located). This will provide your maintenance crew with specific directions to their destination while minimizing unnecessary costs and complex development time.

3.2 Security Controls

➤ ***Allow for user access control and security that can vary by module and security level:***

Pervidi includes dynamic user levels for both the Pervidi Web Portal and the Pervidi mobile applications. Unlimited number of levels can be defined and each user can have access to different screens, different functions, and different data. We will configure the required security levels as part of the setup of your project, and train the Admin-level user on how to adjust these levels. Our ongoing unlimited support also includes assistance as required throughout the term of this project.

➤ ***Allow for a valid login with username and password for user access:***

Login to the Pervidi Web Portal as well as to the mobile Applications is restricted by an individual user and password authentication.

➤ ***Allow Active Directory Integration (if not available, password must meet complexity requirements (eight characters, at least one upper case, lowercase and numeric characters))***

Pervidi can be implemented as an in-house solution or as a hosted solution. In-house solutions can integrate single sign-on user authentication against your Active Directory server (LDAP); we have completed similar single-sign-on work for the Pervidi implementation at JPL/NASA.

Since your requirement stipulated a preference for hosted solution, integration with Active Directory (or LDAP) is not feasible since the City of Fort Lauderdale's Active Directory is separated from our servers by at least 2 firewalls (City of Fort Lauderdale's firewalls and Techs4Biz' firewalls). We therefore recommend enabling a complex password policy which can be adjusted to accommodate your requirements.

➤ ***Have an automatic timeout for a defined period of inactivity***

The Web Portal typically times out every 20 minutes; however we can set any timeout as required for user inactivity.

- ***The software shall allow for mandatory password change after a defined period (preferably)***

As part of the password policy, you can specify how often a user needs to change their password.

- ***Allow an administrator to enable or disable a user access***

The Pervidi administrator can enable or disable user access, as well as change user privileges or passwords.

- ***Automatically log off users once the application screen is closed.***

After a browser screen is closed, the Pervidi Web Portal times out the user.

- ***Lock out users for a specified period of time (e.g. 15 minutes) after a defined number of unsuccessful attempts to log in (preferably)***

Our 'standard' Pervidi policy is to reset and email users' password after 3 failed login attempts, and disable the user after 5 failed login attempts. This can be adjusted if required.

3.3 Requirements

Inputs:

Pervidi enables the Admin-level user to define and/or modify templates/checklists. Pervidi supports multiple 'types' of checklists including:

- Questions based checklists - where the user records answers/results/details for questions / line items.
- Deficiency-based checklists - where the user adds/records deficiencies as they are detected. This is typically used to detect record issues without the need to 'Pass' numerous questions for each 'topic'.
- Decision tree – where additional questions / line items are added onto the inspection in real-time based on the user's answers. This is typically used for long checklists where the user's answers determine which additional questions are added to the inspection.

Each checklist includes a set of features and drop downs which allow the user to record literally any type of checklist or inspection results.

Each checklist can include an unlimited number of line items (rows), and each line item includes multiple options including:

- Description of question / instruction
- Drop-down result (i.e. pass/fail/NA or 1/2/3/4/Pass or any desired combination of results)
- Drop-down list of possible deficiencies for the particular question
- Free-form text (for typing, selecting from a drop-down, or speech-to-text conversion)
- Ability to take a picture and doodle on the picture
- Additional instructions (optional)
- Reference materials (picture and/or PDF)
- Additional 4 optional drop-down lists (e.g. recommendations or any other information)

We believe that although Pervidi is easy to use, it offers the most options and the most flexibility. We also reviewed all of your forms and can easily incorporate all of them in Pervidi without changes to our software!

Exhibit E1: safety self-inspection form currently used at the Fort Lauderdale Executive Airport (FXE).

Your Airfield Inspection Report can be easily integrated into Pervidi and expanded to include possible deficiency drop-down list for each problem detected. For example: if "Pavement Condition" is not in 'good condition', the deficiency drop-down can include options such as:

- Low ride quality
- Alligator cracking
- Bleeding
- Block cracking
- Bumps and sags
- Corrugations
- Depressions
- Edge cracking
- Joint reflections
- Lane/shoulder drop-off
- Longitudinal and transverse cracking
- Patching and utility cut patching
- Polished aggregate
- Potholes
- Rutting
- Shoving
- Slippage cracking
- Swelling
- Weathering and raveling

This will standardize your responses and allow you to report on repeated issues.

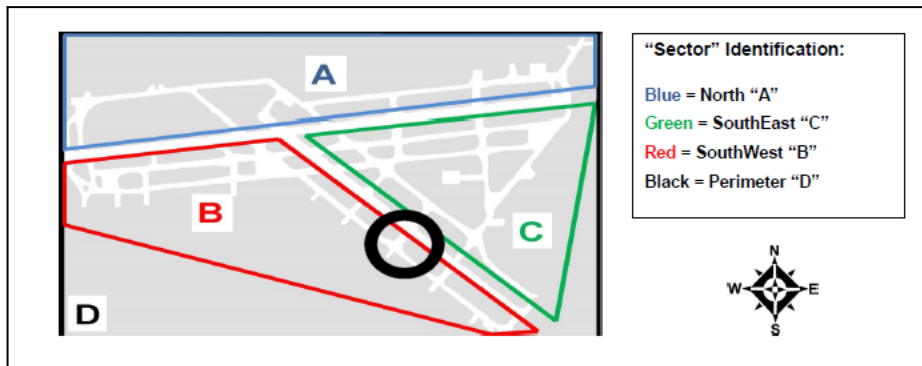
For example:

The screenshot shows the Pervidi mobile application interface. At the top, the status bar displays signal strength, 91% battery, and 7:03 PM. The app header shows the Pervidi logo and a menu icon. The main content area displays a line item: "01. Is the ladder maintained in good condition, joints between steps and side rails tight, hardware and fittings securely attached, and moveable parts operating". Below this, there are three circular icons (info, plus, minus) and a camera icon. The "Result:" section has a dropdown menu currently set to "Fail", with a red exclamation mark icon to its right. Below the result, another dropdown menu shows "Ladders are in disrepair" with a blue ellipsis icon to its right. The "Details:" section features a large text input area. At the bottom of the screen, there is a navigation bar with icons for back, home, add, edit, and save. A small text at the bottom left reads "Asset: 0000000 - 0000000 Ladder Safety".

Labels and arrows pointing to the app interface:

- Line item description**: Points to the text "01. Is the ladder maintained in good condition, joints between steps and side rails tight, hardware and fittings securely attached, and moveable parts operating".
- Reference material**: Points to the three circular icons (info, plus, minus) below the line item.
- Result**: Points to the "Fail" dropdown menu in the "Result:" section.
- Deficiencies for this particular line item**: Points to the "Ladders are in disrepair" dropdown menu.
- Free-form text**: Points to the large text input area in the "Details:" section.
- Take a picture from within the line item**: Points to the camera icon in the top right of the form area.

In addition, since Pervidi uses Reference-information for each line item, the following drawing can be added onto Pervidi (by the Admin-level user) and be viewable on the mobile devices. Inspectors can even 'doodle' on top of the report to indicate the exact location (this feature is already built-into Pervidi).



In a similar manner, drawing reference materials included in your exhibits can be attached to items on the mobile devices and be referenced by field staff (PDF format).

Exhibit E2: safety self-inspection submitted to FAA

This report can be automatically generated by Pervidi and emailed to your supervisor(s). They can review it and forward it to the FAA.

Our proposal includes configuring Pervidi reports to look like your report layouts.

E3: maintenance personnel resolution form

Pervidi automatically creates Corrective Actions (aka "Work Orders") for each deficiency detected during the inspection. Each work order can be automatically assigned by Pervidi (to the person responsible for the area inspected) or approved and assigned by your supervisors (note that this process is already working 'out of the box').

E4: airport lighting & signage plan. This document should provide a reference of items that would be placed in the safety self-inspection database

Pervidi already supports attaching reference materials (both as JPEG and PDF) for each line item on your inspection checklist for as required. This means that you can attach complete diagrams of subset of your diagrams for access by mobile devices.

E5: Helistop inspection form

Similar to your other inspection forms, this form will be added onto Pervidi by Tech4Biz as part of the configuration phase on this project (this is not a software change; it will simply be done by using Pervidi to define this form similar to other form design).

In addition to adding deficiencies (similar to the ones described for form E1), your diagram can be attached as reference material and 'doodled' on by the field inspectors as they conduct their inspection.

E6: Parcel map – reference of items to be part of the self-inspection database

Diagrams can be added as reference material onto the mobile devices as a whole document or even broken into section for greater resolution.

E7: Gates – reference of items as part of the safety self-inspection database (Pedestrian, vehicular, crash gates etc.) and E8: Arial map of gates (pedestrian, vehicular, crash gates etc.)

Gates reference material can be included as reference material as well on the mobile devices. For example, when an inspection is conducted in a particular area of the airport, only the subset map will be displayed for the user with the marked items:



E9: Non-aviation property inspection form

This form will be designed in a similar way to other electronic inspections. We recommend that each one of your Parcel Locations (for example), will be identified by a unique number and/or barcode, which will allow the inspectors to quickly identify where they are (in addition to capturing GPS coordinates), and record the inspection for this parcel. This way, you will be able to view historical reports for a specific Parcel area and/or a summary report for all Parcels.

E10: Airport Facilities Daily-Weekly Inspection Form

This forms is very similar to your other forms; for this form your results will reflect your rating (i.e. instead of a drop-down of Good/Pass/etc. For example, Pervidi will display a drop down of 1 / 2 / 3 / NA etc).

Note that Pervidi also includes a 'rollover' feature in which Pervidi automatically schedules / creates future daily / weekly / monthly inspections based on your schedule. For example, Pervidi will schedule your next weekly inspection when your current weekly inspection is completed. This allows you to view your future inspections on the Pervidi calendar/portal.

As described in subsequent sections of this proposal, Pervidi includes automatic Triggered notifications that can alert supervisors when items are overdue (triggers are send based on your custom criteria and intervals).

E11: Airport Facilities Monthly Inspection Form**E12: Airport Electrician – Preventative Maintenance Weekly-Monthly Inspection Form****E13: Airport Electrician – Preventative Maintenance Annual Inspection Form**

Similar to your other inspection forms, these forms can be easily added to Pervidi as repeatable templates.

E14: Airport Incident Report Form**E15: Airport Project Report Form**

Similar to your other inspection forms, these can be easily added to Pervidi as templates.

In addition to the above checklists, the Pervidi Admin-level user can easily add, delete or modify fields as necessary.

Based on reviewing your inspection forms, we believe that 'out-of-the-box' Pervidi can automate all of these forms without any changes to our software!

The system shall check for completeness of critical fields for empty status and alert the user of such.

Pervidi already includes specific checks such as:

- Result is mandatory
- List of deficiencies is customized for each question
- Additional text can be optional or mandatory
- Picture may be optional or mandatory
- Pervidi can alert the user when a form is incomplete or prevent the user from completing an inspection if it is incomplete.
- Each line item (question) gets a date & time stamp when the user answers the question.

Pervidi can also include Triggered emails that notify supervisors when specific questions include specific results. This converts Pervidi into a pro-active system that pushes relevant to users based on your custom criteria.

Outputs:

All of the data is stored in the Pervidi SQL database (hosted on in-house servers depending on your project configuration), which allows for reports, access to history, and automatic alerts based on dynamic criteria. For example, a user or a supervisor (or anyone with an email address) can receive alerts when inspections failed, corrective actions become overdue, or other criteria.

Data can be queried based on dynamic filters; summary, detail and trend reports are included.

Log files:

Every inspection and details are stored in the database, which allows for:

- Logs and reports for every inspection and detail
- Who performs which inspection and who answered which question (and when)
- Deficiencies
- Corrective Actions (which are automatically generated by Pervidi for each deficiency)
- Recommendations (if recorded)
- Notes
- etc.

Maintenance:

Maintenance personnel can use the Pervidi portal to access inspection results and update corrective actions (work orders). You can also expand the use of Pervidi and have Maintenance personnel access their work orders using Pervidi.

Supervisors:

Supervisors can access all information pertaining to inspections and results. Furthermore, the Pervidi Trigger engine can automatically email both complete inspection details as well as list of deficiencies to supervisors.

Tracking:

Each inspection is automatically assigned with a unique number.

Audit Trail:

Each inspection is automatically assigned with a unique number. Pervidi automatically records changes to the data for audit trail purposes, including date/time of inspections, date/time of every line item answered, who performed each inspection, etc.

Alerts:

Pervidi includes a built-in Trigger engine that sends emails based on dynamic criteria set by the Admin-level user. The trigger can therefore send emails based on the following criteria (as well as additional criteria set by the Admin-level user):

- Send emails to maintenance personnel with inspection information if/when an inspection has deficiencies;
- Send emails to maintenance personnel with a list of Corrective Actions;
- Send emails to technicians with a list of their upcoming inspections;
- Send emails to supervisors with a list of items that have not been inspected in the past 6 months;
- Send emails to inspectors with a list of all inspections with the word "BLUE";

The trigger is exceptionally powerful since it changes the focus of your staff from reactive to proactive, being able to focus on exceptions (instead of trying to 'chase' their to-do list).

Reports:

Pervidi uses Crystal Reports as its built-in reports engine, therefore reports can be modified without the need for software changes. Pervidi includes many reports that are either generated by the user (using the Pervidi Web Portal) or automatically emailed by the Pervidi Trigger.

For example, reports generated based on searchable items:

- Inspection reports (detailed and summaries)
- User reports
- Deficiency summaries
- Corrective Actions

Reports are available from a menu item and can also include different reports for different user levels.

This project includes configuration of the Pervidi inspection reports to look similar to the reports that are included in the exhibits.

3.4 Operational Flow

Hardware

Hardware can be assigned to inspectors or can be 'shared' by multiple inspectors (in multiple shifts) at no additional cost. Each device and each user are authenticated against Pervidi. The Admin-level user can enable/disable devices and users as required.

Pervidi supports both Android and iOS devices and the City of Fort Lauderdale can 'mix' different types of hardware as required (i.e. there is no requirement to only use one type of device which increases your flexibility for future growth).

GPS Location

There are multiple ways to tailor Pervidi to use GPS (the desired way will be determined during the first phase of this project – requirement gathering):

- Set an automatic GPS 'ping' which records the location of each device every XX minutes (for example, every 15 minutes). This method might deplete the device's batteries.
- Set an automatic GPS capture that identifies the exact location of the inspection when an inspection is created. This can ensure that the inspection location is captured while preserving the devices' batteries.

Recording Deficiencies

Each 'failed' line item your inspection checklist represents an issue or deficiency (if not marked as 'pass'). Pervidi includes the following elements for each line item:

- Description of the line item or location or deficiency
- Result drop down from a list (for example: Green, Blue, Red, N/A, Fixed on the Spot, etc.)
- Drop down list of deficiencies for this particular question or category of issues
- Capture Picture + doodle on the picture
- View reference material (picture and/or pdf) related to this specific questions or area. When viewing a picture or pdf, the user can enlarge the image and focus on a specific area as required. The user can also 'doodle' on the reference material, allowing them to mark or circle the specific area of concern.
- Notes can be attached to the line item (typed, selected from a list, or dictated using speech-to-text conversion).
- 4 additional drop down lists are available if required.

These options enable Pervidi to manage any type of inspection or work order.

All of the above options are already a part of the Pervidi offerings and do not require any software changes.

Recording Results

Pervidi enables inspectors to 'pass' each line item quickly in a number of ways:

- The inspector can simply 'tap' once on the screen (similar to marking a 'check-mark' on a paper form).
- The checklist can, by default, be marked as a "Pass" / "Good" / Acceptable" / etc. (pre-populated), which the inspector can easily change if they detect a deficiency.

These are configurable items and do not require any software changes.

Transmitting data

Pervidi can be tailored to transmit data to the database upon completion of an inspection (automatic 'sync') or transmit data based on user request. All of the data pertaining to the inspections is included in the wireless data sync including all observations, results, and pictures (i.e. data is completely sent back without user intervention).

Corrective Actions can be automatically created by Pervidi and assigned to the person responsible for the item that was inspected. That person can be alerted and a supervisor can assign these corrective actions to a technician for follow-up.

GPS and Maintenance Personnel

Your requirements indicate that your mobile devices will continuously transmit the location of the device as the technician approaches the inspection area. Pervidi can certainly be tailored to accomplish that requirement and automatically transmit (push) each device location to the server. Please note that this will deplete your mobile device battery.

Pervidi will include an automatic interface with Google Maps that will display to the inspector their location and the route/location of their selected inspection (or work order).

Once maintenance personnel arrive at the desired location, the mobile device will allow them to record similar data elements (on their work orders) as described above in the inspection section, including:

- Drop down list for result
- Resolution
- Part used (if applicable)
- Text area
- Picture taking

For work orders (aka Corrective Actions), maintenance personnel can mark work as complete, leave it open (requires more work), record new line items to describe what is required, or create a new work order for this area.

'Flags' in the system will only exist for open inspections and work orders, so when a work order (or maintenance activity) is complete, the flags are automatically removed.

Reports can then be generated automatically by the Pervidi Trigger, or by the supervisor.

3.5 Other Features

- Pervidi supports multi users and multi-tasking.
- Each and every portal screen has a separate HELP screen that can be tailored to your needs and process. Tailoring the HELP screens is included in the scope of this project.
- We propose that all drawings including layouts, diagrams, etc. will be updated using a third party software for updating CAD drawing and images, for example: AutoDesk/AutoCad.

AutoCad allows you to maintain your drawing including adding/updating coordinates, which will allow Pervidi to overlay your drawings on top of Google Maps (Google Earth). This will enable Pervidi to display your specific marking on top of the Google Maps interface (using the Web Portal).

Please note that the AutoCad license and expertise is not included in our proposal.

The database and airfield layout diagram, such as, taxiway edge lights, signage, paint markings, etc. should be easily updatable.

By using AutoCad your staff should be able to maintain your diagrams outside of the Pervidi project. We will provide you with the ability to import/overlay these images onto maps used by Pervidi.

The software application should allow multi-access on a network with web interface (preferably).

Pervidi support multi-user access to the Pervidi Web Portal.

Inspector, maintenance personnel and supervisor shall be able to access the internet via tablet, to check FAA, TSA websites for current regulations or equipment websites to order parts/ equipment. OR EVEN download these requirements as reference material

In addition to the reference materials embedded in Pervidi (your diagrams, standards, etc.), the mobile devices can use your WiFi network (or Mobile Data network if your devices include a SIM card) to access any desired website. Downloading materials into Pervidi requires an Admin-level user access from a computer accessing the Pervidi Web Portal.

The software shall be capable of importing/exporting data to other systems such as Microsoft Office

Pervidi support exporting data to Microsoft Excel. In-house implementations of Pervidi support some data import from excel. All of the Pervidi reports can be generated as PDF or Excel files.

3.6 Expansion Capabilities

Pervidi supports an unlimited number of inspection types and work orders. The City of Fort Lauderdale can create new inspection checklists to support expansion, including:

- Bird and Wildlife Observations
- Issue & tracking notice to Airmen (NOTAM)
- Incident/ Accident Investigation
- Work Orders
- Training record database (already exists in Pervidi)

3.7 Technical Specifications

Pervidi supports a variety of Android and iOS devices including 'mixing' different type of mobile devices. As per your requirements, we recommend using one of the following hardware alternatives as your standard mobile devices:

- iPads with a rugged case (e.g. Otterbox)
- Android-base Panasonic toughpad
- Ecom Tablet Computer Tab-Ex 01 (Android-based intrinsically safe device)
- We also recommend iPhones and Samsung Galaxy phones

Since Pervidi supports all iOS and Android devices, we would also be happy to provide specific quote for other devices as required.

We also recommend setting barcodes or RFID tags to identify areas, which will allow the technicians / inspectors to scan an area to confirm that they were there. Techs4biz can also supply with durable barcode labels and/or RFID tags as required.

Technical infrastructure:

- The Pervidi mobile software works on both iOS and Android devices;
- The Pervidi backend database is SQL Server (which supports both hosted and in-house implementation);
- The Pervidi Web Portal (developed in ASP.NET) resides on an IIS Server (IIS 7 or newer), connected to the SQL Server via the standard SQL Port (1433) or via a custom port;
- Pervidi supports VM servers;
- Pervidi utilizes the Internet/Intranet to securely transmit encoded/encrypted data between the database and its authorized wireless handheld devices using the standard HTTP port (port 80) or any other selected port; Once information is received by the handheld devices, devices can operate independently (offline) without the need for ongoing communications;
- Pervidi works the same whether hosted on in-house.

CAD/GIS Data

As part of every project – we ensure that we use a common-sense approach to recommend potential solutions to requirements. We believe that adding new features to Pervidi to design and/or convert CAD documents is not an effective use of our expertise and/or costs. We therefore recommend that you use commercial off the shelf software for AutoCad creation and updates to your documents (for example AutoDesk).

Pervidi will not include CAD/GIS document conversion. Instead, we recommend that this project includes the ability of Pervidi to import your CAD drawings (as images) onto Pervidi to be used as overlay for mapping purposes.

Pervidi also accepts PDF files as attachments – which can also include maps and drawings.

Defects Liability

This project includes a period of 12 months for defect resolution (at no additional costs). During this period, Fort Lauderdale Airport will receive fixes to reported issues at no additional cost.

4. PROJECT COST

Alternative #1: Pervidi Hosted Version (Cloud) – Cost Estimates

This alternative assumes that the data and the Web application are hosted in one of Techs4Biz' data centers and can be accessed (by your authorized users) via a web browser and Internet connection. Every one of our customers is hosted on a separate distinct database. It is likely that this portal will be hosted on one of our servers in AZ.

Cost estimates for 1 Admin user, 5 mobile tablets, and 20 maintenance staff:

One-time costs:

➤ Project Management Activities; Includes requirement gathering	\$9,500
➤ Creation of checklists	\$5,500
➤ Creating report formats	\$6,000
➤ Adjusting process and Corrective Actions	\$7,500
➤ Software changes for integrating GPS Mapping (estimated to take 70 days)	\$9,500
➤ Software changed for CAD data import (estimated to take 30 days)	\$7,500
➤ Adjusting Triggers and Alerts (estimated to take 50 days)	\$6,500
➤ Travel costs – assuming 6 trips (requirement x 2, installation and training x 2, support x 2)	\$9,000
➤ Online training sessions (15 hours online) We prefer the 'train-the-trainer' approach. Once training is complete, designated users receive unlimited support and online training at no additional costs.	\$1,650
➤ Hardware cost – 5 tablets (estimated; may vary +/- 10% based on specific tablet) Since there are many available hardware alternatives, this cost estimates reflects the 'high end' estimate for each tablet. The cost will be adjusted (to a lower amount) depending on the selection of hardware made by the City of Fort Lauderdale (since Pervidi supports all Android and all iOS devices).	\$9,500
➤ Custom documentation	\$7,500
➤ Server setup fee	\$1,500

Reoccurring annual costs:

➤ 1 Admin-level user @ \$100 per month	\$1,200 Annually
➤ 5 mobile Inspectors@ \$50 per month/user	\$3,000 Annually
➤ Portal for Maintenance staff (named users), assuming 20 users	\$8,000 Annually
➤ 2 x annual onsite training (travel and training cost for 2 onsite days)	\$2,500 Annually
➤ Trigger Engine	N/C
➤ Includes 12 months of 'defect'/bug correction	N/C

Total Project Cost – Software-As-A-Service (Hosted):

➤ One-time fee:	\$81,150
➤ Annual fee (software subscription):	\$17,200

Price ListUnit Cost

- Server and database setup (one-time fee)
Setup costs depend on the amount of custom setup, data import, and custom templates required for the project. \$0 - \$5,000
- Pervidi Portal Software Annual Fee per first Admin User
\$100 per user per month (includes a mobile license). \$1,200/year
- Pervidi Inspector Portal Software Annual Fee per User
\$75 per user per month. \$900/year
- Pervidi limited Portal Software Annual Fee per User \$400/year
- Pervidi Mobile App (per mobile user)
Includes mobile access (no portal access). Can be shared by multiple users. \$600/year
- Pervidi Trigger Engine Included
- On-Line Training
'Train the trainer'; additional support activities for the trainers are included in the annual fees. \$110/hour

Prices are in U.S. dollars and are valid for 30 days.

Alternative #2 – Pervidi In-house Network Version – Cost Estimates

The in-house Pervidi Network Edition installation assumes that all software is installed on your servers and infrastructure. All hardware operating system and infrastructure setup are your responsibility.

Typically, you would need the following components to host in-house:

- Internet connection with a static IP address (or Intranet)
- Firewall + setting
- Database server (Windows server + Microsoft SQL Server)
- Web Server (Windows Server)

Cost estimates for 1 Admin user, 5 mobile tablets, and 20 maintenance staff:

One-time costs:

- | | |
|--|---------|
| ➤ Project Management Activities; Includes requirement gathering | \$9,500 |
| ➤ Creation of checklists | \$5,500 |
| ➤ Creating report formats | \$6,000 |
| ➤ Adjusting process and Corrective Actions | \$7,500 |
| ➤ Software changes for integrating GPS Mapping (estimated to take 70 days) | \$9,500 |
| ➤ Software changed for CAD data import (estimated to take 30 days) | \$7,500 |
| ➤ Adjusting Triggers and Alerts (estimated to take 50 days) | \$6,500 |
| ➤ Travel costs – assuming 6 trips
(requirement x 2, installation and training x 2, support x 2) | \$9,000 |
| ➤ Online training sessions (15 hours online)
We prefer the 'train-the-trainer' approach. Once training is complete, designated users receive unlimited support and online training at no additional costs. | \$1,650 |
| ➤ Hardware cost – 5 tablets (estimated; may vary +/- 10% based on specific tablet)
Since there are many available hardware alternatives, this cost estimates reflects the 'high end' estimate for each tablet. The cost will be adjusted (to a lower amount) depending on the selection of hardware made by the City of Fort Lauderdale (since Pervidi supports all Android and all iOS devices). | \$9,500 |
| ➤ Custom documentation | \$7,500 |

Licensing costs

- | | |
|---|-------------------|
| ➤ Setup fee (estimated) | \$ 4,500 One-time |
| ➤ Pervidi engine – includes 1 Admin-level user | \$19,950 One-time |
| ➤ 5 mobile Inspectors@ \$650 per Inspector | \$ 3,250 One-time |
| ➤ Portal for Maintenance staff (named users), assuming 20 users | \$ 8,000 One-time |
| ➤ 2 x annual onsite training (travel and training cost for 2 onsite days) | \$ 2,500 Annually |
| ➤ Trigger Engine | N/C |
| ➤ Includes 12 months of 'defect'/bug correction | N/C |
| ➤ Annual Support & Maintenance – 18% (1 st year mandatory) | \$ 5,615 Annually |

Total Project Cost – In-house Implementation:

- | | |
|---------------------------------------|------------------|
| ➤ One-time fee: | \$115,350 |
| ➤ Annual fee (software subscription): | \$ 8,115 |

Price List

	<u>Unit Cost</u>
<ul style="list-style-type: none"> Database setup (one-time fee) Setup costs depend on the amount of custom setup, data import, and custom templates required for the project. 	\$0 - \$5,000
<ul style="list-style-type: none"> Pervidi Network Software Engine one-time Fee Includes Pervidi login access on a single desktop software 	\$6,950 - \$9,950
<ul style="list-style-type: none"> Pervidi Mobile App Access (per mobile device) Each device can be shared by multiple users. 	\$600 / each
<ul style="list-style-type: none"> Pervidi Trigger Engine (automatic alerts) 	Included
<ul style="list-style-type: none"> New report design (optional; for new custom reports) 	\$250-\$500 per new report
<ul style="list-style-type: none"> Annual Support 	18% of licenses
<ul style="list-style-type: none"> On-Line Training 'Train the trainer'; additional support activities for the trainers are included in the annual fees. 	\$110/hour

Prices are in U.S. dollars and are valid for 30 days.

Payment terms

- 25% of project cost to start the project
- 25% upon software delivery (installation on our production server or on your server)
- 25% upon completion of acceptance by City of Fort Lauderdale
- 25% 30 days after acceptance

5. PLAN OVERVIEW AND TIMELINE

Since we do not develop our customised solutions from scratch, we deliver the speed and benefits of a packaged solution along with the advantages of customisation to our customers' specific needs. This enables configuration of Pervidi to your specific business processes while using only the functions/screens you require.

The 'out of the box' Pervidi offering already includes most of the features you listed in your requirement document including:

- Ensuring that inspections and follow-up activities are performed in a timely manner.
- Improving your process of performing field activities while simplifying the technician's activities by providing them with easy to use mobile applications.
- Help ensuring that data is timely, accurate and accessible.
- Standardising activities and providing guidelines and standards to field technicians.

By understanding our customers' business processes and challenges, and by applying our extensive experience, we provide solutions that:

- Integrate with your specific business processes.
- Deliver effective solutions suitable for your needs.
- Increase productivity and efficiency.
- Improve business processes; migrate from paper-based activities to automated processes.

5.1 Project Management

Although Pervidi can address about 90% of your current requirements, Techs4Biz will apply our project management methodologies for implementing this project. Techs4biz follows proven project management methodologies, tailored specifically to the software project.

This project will include the following project phases:

- Planning for developing/adjusting/customizing Pervidi
- Design & Analysis (including business processes and customization)
- Customize Pervidi
- Test + Pilot project
- Training
- Deploy to Production
- Close-Out / project completion and support activities

During the design phase and clarification of requirements, Techs4Biz and your designated staff will review your requirements with a focus on business processes and information flow. This exercise will ensure that Pervidi addresses your specific requirements and automates the appropriate processes.

5.2 Testing Methodology

Techs4Biz begins the testing process by following a plan to test the general functionality and features of the product deliverables. This process verifies that the application meets the requirements specified in the requirements document and is bug free.

Our programmers address any identified issues and the application is resubmitted to the testing team until each item is resolved. All changes and re-testing are tracked through our helpdesk - available to both the testing and programming teams. Applications are not allowed to launch until all identified problems are fixed.

Our software testing methodology is applied in four distinct phases: unit testing, system testing, integration testing, and acceptance testing:

- (a) Unit Testing: The programmers conduct unit testing during the development phase. Programmers can test their specific functionality individually or with other units. However, unit testing is designed to test small pieces of

functionality rather than the system as a whole. This allows the programmers to conduct the first round of testing to eliminate bugs before they reach the testing staff.

- (b) **System Testing:** The system is tested as a complete, integrated system. System testing first occurs in the development environment but eventually is conducted in the production environment. Dedicated testers, the project manager, or other key project staff perform system testing. Functionality and performance testing are designed to catch bugs in the system, unexpected results, or other ways in which the system does not meet the stated requirements. The testers create detailed scenarios to test the strength and limits of the system. Editorial reviews not only correct typographical and grammatical errors, but also improve the system's overall usability by ensuring that on-screen language is clear and helpful to users.
- (c) **Integration Testing:** Incremental integration testing involves continuous testing of an application as new functionality is added. This requires that aspects of an application's functionality be able to work separately before all parts of the application are completed. Full integration testing combines the testing of parts of the application to determine if they function together correctly.
- (d) **Acceptance Testing:** The software is assessed against the requirements defined in the system requirements document. The user or client conducts the testing in the production environment. Successful acceptance testing is required before submitting to the client for approval.

5.3 Training Methodology

Techs4Biz uses a systematic, logical approach to training by determining what people must know to perform their activities using the mobile device application. This approach ensures that people are prepared for their work by having the necessary knowledge to do their job.

Step #1: Design and Development

The training development phase identifies the exact activities performed by each group of users and 'maps' these activities to the mobile device application. This phase defines training materials based on the screens and functions that each group can perform, prepares the proper training documents for the training sessions and end-user reference guides, and identifies troubleshooting tips that can be useful for each user group.

Step #2: Training / Implementation

Techs4Biz plans to train end-users as well as a 'train the trainer' program which enables you to perform refresher training and/or new employee training in-house. All training sessions are conducted with hands-on materials / mobile devices, and attendees use the system during the training sessions.

Onsite training sessions are usually conducted by 2 instructors. One is performing the overhead training and instructions, while the other provides hands-on assistance to trainees. Training sessions are designed to be most effective and accommodate attendees' attention spans to ensure maximum retention. During the training session, attendees receive quick reference guides and/or other training materials which summarize the training topics.

Training sessions are conducted iteratively; each user participates in an initial training session and then completes a 'refresher' training session a couple of weeks later.

Step #3 - Evaluation

The last phase of the training process is the evaluation of the trainees, by performing the required activities and demonstrating their newly acquired abilities to the instructors and other peers.

During the other two phases, trainers perform an evaluation to ensure the process is working correctly and to identify improvements immediately.

5.4 Project Timeline

Based on your RFP, we estimate that Pervidi already includes 90% of your requirements. We therefore included the following items as customized work for your specific project:

- Requirement Clarifications (estimated to take 30 days)

Although your requirements were very clear and detailed, we always start every project with clarifications and confirmation of requirements.

- Creation of checklists (estimated to take 45 days)

We assume that there will be a few iterations of the electronic checklists including adding drop-downs (such as deficiencies). No programming is required for this custom work.

- Creating report formats (estimated to take 50 days)

This step includes adjusting and designing new report layouts (using Crystal Reports).

- Adjusting process and Corrective Actions (estimated to take 35 days)

This step includes adjusting the creation process of Corrective Actions; specifically focusing on who does what and when.

- Software changes for integrating GPS Mapping (estimated to take 70 days)

This includes software adjustment for (a) Mobile devices automatically integrate Google Maps with Pervidi and (b) Integrating image overlay on top of Google Maps (for portal viewing of location and status of your Maintenance staff).

- Software changes for CAD data import (estimated to take 30 days)

Includes import of CAD documents (likely in JPG format) to be used as overlays on interactive maps.

- Adjusting Triggers and Alerts (estimated to take 50 days)

This includes configuration of triggers and alerts based on your criteria.

Throughout the project, we will be updating and adjusting our online help documents to reflect changes and adjustments made for this project.

Please note that the above estimates reflect elapsed time. We estimate some activities to take significantly less time than included in this document.

Proposed Project Timeline

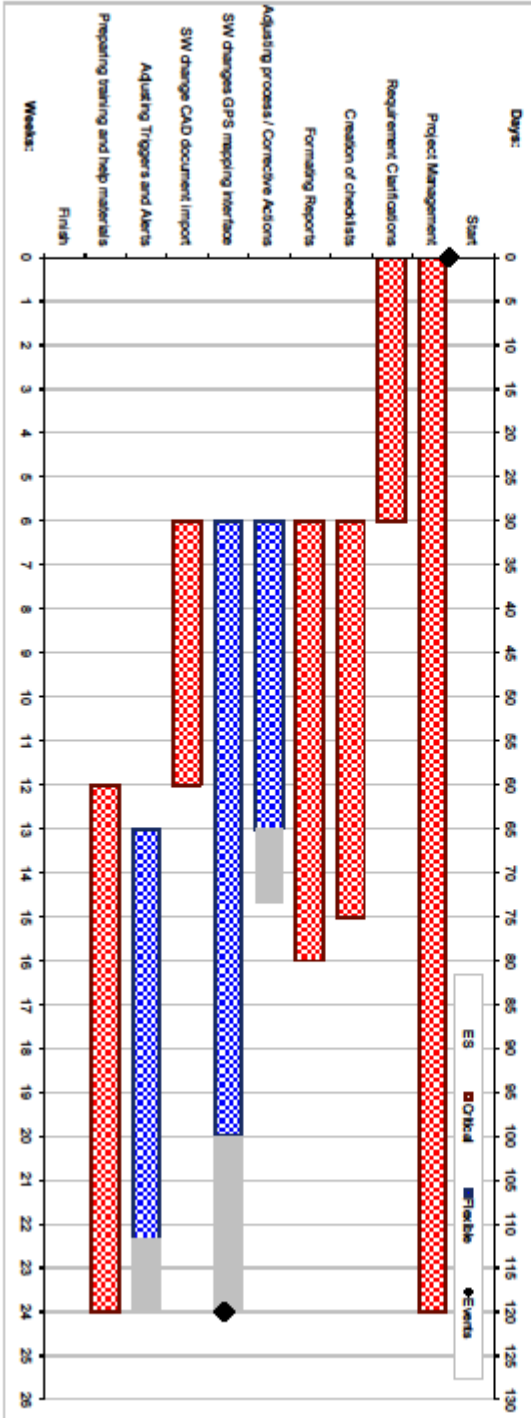
Start Date
08/01/2016
Finish Date
01/16/2017

Days to Completion
120.00

Times (in Days)

Time Distribution: Triangular

ID	Task Name	Predecessors (Enter one ID per cell)	O (min)	M (most likely)	P (max)	Duration (exp. time)	ES	EF	LS	LF	Slack
10	Start					0.00	0.00	0.00	0.00	0.00	0.00
20	Project Management	10	100	120	140	120.00	0.00	120.00	0.00	0.00	0.00
30	Requirement Clarifications	10	20	30	40	30.00	0.00	30.00	0.00	0.00	0.00
40	Creation of checklists	30	30	45	60	45.00	30.00	75.00	0.00	28.33	0.00
50	Formating Reports	30	40	50	60	50.00	30.00	80.00	0.00	0.00	0.00
60	Adjusting process / Corrective Actions	30	25	35	45	35.00	30.00	65.00	0.00	73.33	8.33
70	SW change GPS mapping interface	30	60	70	80	70.00	30.00	100.00	50.00	120.00	20.00
80	SW change CAD document import	30	20	30	40	30.00	30.00	60.00	30.00	60.00	0.00
90	Adjusting Triggers and Alerts	40	60	50	60	46.67	65.00	111.67	73.33	120.00	8.33
100	Preparing training and help materials	80	80	90	100	60.00	60.00	120.00	60.00	120.00	0.00
110	Finish	70				0.00	120.00	120.00	120.00	120.00	0.00



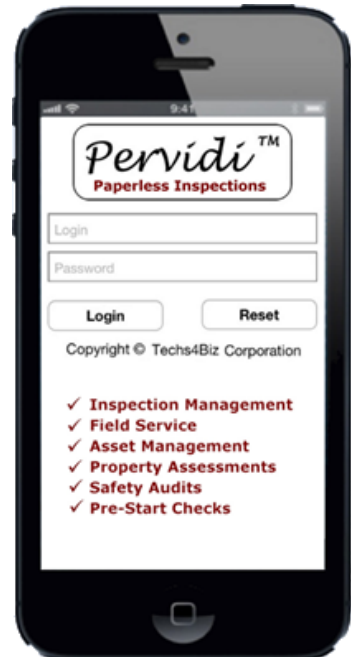
6. PERVIDI – ADDITIONAL INFORMATION

Pervidi is comprised of a set of software components that are combined and configured specifically for each project and allow our customers to automate any type of field activity including:

- Inspections
- Observations
- Audits
- Work Orders
- Data Collection
- Surveys

How does Pervidi work?

1. Admin-level users can adjust settings and configurations
2. Templates/checklists are pre-defined (by Techs4Biz and/or the admin-level users). Admin-level users can also determine which technicians are assigned to which inspections.
3. Technicians receive their inspections on their mobile device including all required information. Technicians can also add new inspections/work orders using their mobile devices (ad-hoc). Technicians can use an unlimited number of checklists.
4. The Pervidi mobile applications (both iOS and Android) use the mobile devices' built-in features such as camera (taking pictures, scanning barcodes, 'doodling'); electronic signatures; GPS capture; RFID tag scanning (NFC); Speech-to-text conversion, and automatic date/time stamps.
5. After the inspections are complete, they are sent back to the server, which automatically creates Corrective Actions (work orders) and sends email alerts to the required personnel.



Pervidi includes a combination of the following components:

- SQL Server Database engine.
- Pervidi Web Portal enabling staff to update their activities and generate reports using a web browser.
- The mobile solution enables field inspectors to quickly identify areas (via a barcode, RFID tag or any other identified) and record electronic inspection information.
- Wireless/Remote server software - enabling mobile devices to exchange information with the database using any Internet connection.
- Management software - enabling power-users to manage all aspects of your activities, checklists/templates, assign users, etc.
- Mobile software – enabling users with handheld devices to electronically record their results in the field.
- Reports engine.
- Trigger software - automatically sending emails with pre-set conditions, for example: receive a week email with all overdue activities, etc.

Our solutions are focused on three key aspects:

- (1) Simplicity and ease-of-use;
- (2) Seamlessly fitting with your business model; and
- (3) Improving operational efficiencies to realize true cost savings and increase profitability.

Pervidi Sample Screen Shots

Pervidi

Pervidi

Paperless Inspections

Login

Password.

LOGIN CANCEL

Copyright ©1999-2016 Techs4Biz Corporation

Ver: 6.26.01

S/N: DR2B32N699S3

Licensed to:
Fall Protection Worker

Pervidi

#303092302 Priority: 1
Harnesses
Office: Armour
Tag: (000000T2) Scheduled: 06/15/2016

#610101546 Priority: 1
Anchorage Connectors - Steel Anchors
Office: Armour
Tag: (0000000) Scheduled: 06/13/2016

☒ Open. ☐ Closed.

Inspection.

Search:

Pervidi

Select Topic

Description.	Result.	Details.
01. Hardware, keepers...	Pass	
02. Hardware functions...	Pass	
03. Webbing - Webbin...	Fail	
04. Stitching - Webbin...		
05. Labels - All labels...		
06. Did the equipment...		
07. Keep Asset Status?		

Pavey, Jennifer - 303092302 (000000T2)
Harnesses

Pervidi

Description.	Result.	Details.
01. Is the ladder maintain...	Pass	
02. End caps	Pass	
03. Rungs and step conn...	Pass	
04. Rope and Pulley		
05. Labels		
06. Hardware		
07. Surfaces		
08. Rung locks		
09. Rails		
10. Feet		

Inspector, System - 618190111 (0000000)
Ladder Safety

Pervidi

01. Is the ladder maintained in good condition, joints between steps and side rails tight, hardware and fittings securely attached, and moveable parts operating

Result:

Fail

Ladders are in disrepair

Details:

Asset: 0000000 - 0000000
Ladder Safety

Pervidi

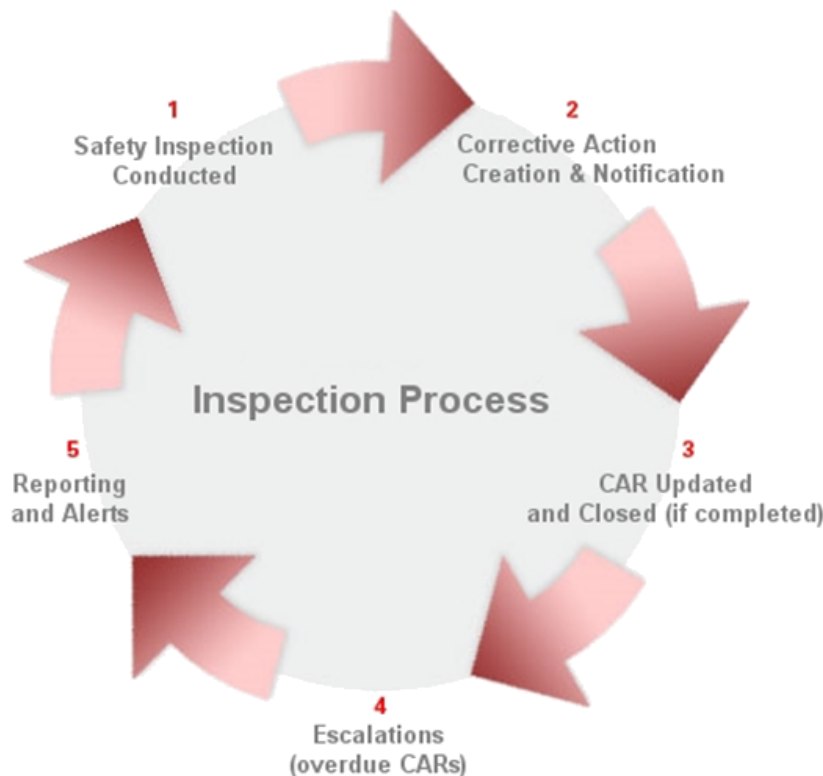
02. End caps

Result:

End caps should not be damaged or missing

Asset: 0000000 - 0000000
Ladder Safety
Inspection: 618190111 (Institutional Inspections)

Corrective Action Process



Why Choose Pervidi

In addition to addressing your Requirements (as discussed), there are numerous distinguishing factors that demonstrate the value of Pervidi:

Easy to use: Pervidi is an easy to use application, designed for field staff with minimum technical knowledge, especially for field technicians who are not computer experts and require the simplest way to operate their handheld devices.

Customizable: Pervidi is easy-to-use yet comprehensive, which delivers superb value to our customers. Since we do not develop our customized solutions from scratch, we deliver the speed and benefits of packaged solutions along with the advantages of customization to our customers' specific needs.

Pervidi is easily customized to specific needs, addressing any type of field activity. This enables Pervidi users to:

- a. Use Pervidi for their custom inspections / work orders.
- b. Tailor Pervidi to their specific business processes.
- c. Use the functions/screens they need, without developing them from scratch.
- d. Use powerful features such as Pervidi's Trigger engine, Corrective Action mechanism, or advanced 'decision tree' inspections.

Relevant Business Experience: By understanding our customers' business processes and challenges and by applying our experience, we provide solutions that:

- Increase productivity and efficiency;
- Reduce costs; Increase profitability;
- Deliver demonstrated ROI (usually within 6 months);

- Deliver effective solutions suitable for your needs;
- Enable compliance with guidelines, regulations and ISO/QS requirements;
- Improve business processes; migrate from paper-based activities to automated processes;
- Shift focus from repetitive tasks to improved management and informed decision making; and
- Enable our customers' growth and expansion by helping our customers to expand their services and attract new clients.

Proven Solution: Pervidi is a proven solution, first released in 1999. Pervidi is used by many customers including NASA, hospitals, service providers, schools and universities, mining companies, manufacturing, and service providers.

Our support and maintenance agreement includes free software upgrades. Since we continuously incorporate new functions into Pervidi, each new release enhances the value of Pervidi to existing customers at no additional cost.



We pride ourselves on our exceptional products and customer service and we are confident that we can deliver superb value to your organization.
Thank you for your consideration.

Benefits

Using Pervidi, your inspections can be electronically uploaded to the database, reports and follow-up activities easily generated, alerts and exception emailed by Pervidi, and information easily accessible by your team.

- ✓ Tangible benefits: save time.
- ✓ Simplify activities for field personnel and minimize learning curves.
- ✓ Reduce operational costs associated with inspection activities; Eliminate paper activities and data entry.
- ✓ Improve reporting, analysis capabilities, and state and local code compliance.
- ✓ Improve management functions and access to information (Management can reduce time required to retrieve information, produce reports, minimize unnecessary administrative tasks, focus on exceptions, and identify trends and areas of concern.)
- ✓ Produce logbooks, reports and alerts that guarantee that all required tasks and activities are completed on time.
- ✓ Guarantee that activities are performed on schedule. Automatically keep track of all upcoming events. Provide alerts and report highlighting service, inspection discrepancies and recommendations.
- ✓ Incorporate automatic escalation procedures. Automatic escalation reports can be generated based on specific events and results.
- ✓ Utilize economies of scale and expand the use of Pervidi to other areas
- ✓ Create/import your own templates and checklists, etc.
- ✓ Improve controls and accountability.
 - Built-in dynamic escalation procedures and alerts ensure focus on exceptions.
 - Queries and reports can identify trends and problem areas.
 - Standardize corrective maintenance and preventative maintenance processes and comprehensive management data reporting.
- ✓ Track and manage parts; ensure optimal inventory levels
 - Automate stockroom managements, product checkout and cycle counts using handheld devices
 - Dramatically improve inventory management, tracking and forecasting; reduce unnecessary inventories and ensure that required inventories are available
 - Alert when inventory levels fall below specific thresholds
 - Provide immediate information about inventory levels and about other equipment utilizing similar parts
- ✓ Utilize economies of scale and expand the use of Pervidi™ to other areas
 - Automate Health & Safety inspections
 - Automate Life Safety inspections, including NFPA templates
 - Create/import your own templates and checklists; etc.
- ✓ Improve customer service, information sharing, response time to customer queries, and overall customer satisfaction.
- ✓ Dramatically improve paperwork-related processes.

Report Samples:

Overall Site Summary, Key Issues/Concerns: Parking lot will need to be resealed next fiscal year.		
Critical Issues:		
090. Roof: Hatch Safety - Look for and indicate issues with safety hand holds, other safety issues (E/G/F/P/NA)	Poor	No hand holds on Pod A only.
112. Office Interior: Furniture Condition - Look for and note condition issues (E/G/F/P/NA)	Poor	8 to 10 different types of furniture.
Issues:		
025. Parking: *Overall Condition (E/G/F/P/NA)	Fair	Scrapes from snow removal and faded parking lines.
034. Parking: Striping/Directionals/Markings/Signage (E/G/F/P/NA)	Fair	Fair
097. HVAC: Overall Condition - Rate the overall condition of HVAC System and comment on general issues and any concerns about filter change or maintenance (E/G/F/P/NA)	Fair	Original units.
Alligatoring		
Faded		
HVAC Other		
025. Parking: *Overall Condition (E/G/F/P/NA)	Fair	Scrapes from snow removal and faded parking lines.
		Alligatoring
		
026. Parking: Age (Indicate calendar year of original install or last replacement)	- 2008	
027. Parking: Projected Capital Year (Estimated year of replacement)	- 2013	
028. Parking: Spaces (Indicate number of Parking Spaces)	255	
029. Parking: Surface Type (Note type of parking lot surface)	Asphalt	
030. Parking: Handicap Stalls (Indicate number of Handicap Spaces)	7	
031. Parking: PM Contract (If client is responsible, is a PM contract in place?) - Client/Landlord/NA	N/A	
032. Parking: Expected Replacement (Indicate calendar year parking lot will need to be resurfaced/replaced)	2013	
033. Parking: Surface Condition and Drainage (E/G/F/P/NA)	Good	Drainage is good and surface condition has been noted.
034. Parking: Striping/Directionals/Markings/Signage (E/G/F/P/NA)	Fair	
035. Parking: Curbs/Gutters/Tire Stops (E/G/F/P/NA)	Faded	
036. Parking: Lighting (Interview item - ask client if lot lighting is adequate and note any issues)	Good	Overall condition is good. Lights are controlled by a dusk to dawn sensor.
037. Parking: Pavement/Sidewalks Condition and note Hazards - Rate overall condition of pavement and sidewalks (E/G/F/P/NA)	Good	
03. Landscaping		

Inspection Report

Inspector: [REDACTED]
Inspection Date: 04/20/2009

Company Name: 2

Job Site: [REDACTED]

Contractor/Location: Maddux

Penalty Type: Medium

Proposed Penalty: \$2,100.00

Category: Fall Protection

Standard: 1926.503(a)(2)(viii)

Description: The employer did not assure that each employee had been trained by a competent person qualified in the standards contained in subpart M.

Recommendation: There was no certification of training for workers exposed to a fall.



Pervidi
Paperless Inspections

Inspection Checklist

Tag: 9999999	Inspection: 988
Asset Description: Hoist #1	Completed on:

Inspector: Paul Taylor [3487509]

Location: CSG Redditch

Product Type: Air Hoist


CSG Redditch

Asset Status: Active

CSG Redditch

Worker:

Air Hoist

Support Structure	
01. Capacity Label	Pass
	
02. Runway Condition	Pass
03. Runway End Stops	Pass
04. Structure Ends Stops	Pass
05. Bridge/End Trucks	N/A Not Applicable comments
06. Hoist Trolley	Pass
07. Runway Power	Fail Text: why failed
08. Crane Electrical	Pass
09. Other	Pass
Hoist System	
10. Capacity Label	Pass
11. Trolley Connection	Pass

Deficiency Totals

Deficiencies for 06/08/2008 - 06/16/2009

Earthquake Preparedness

Loose Items on File Cabinet	3
Loose Items On Shelves/Bookcase	136
Open Overhead Cabinet	14
Partitions Unstable	1
Unsecured Bookcase	93

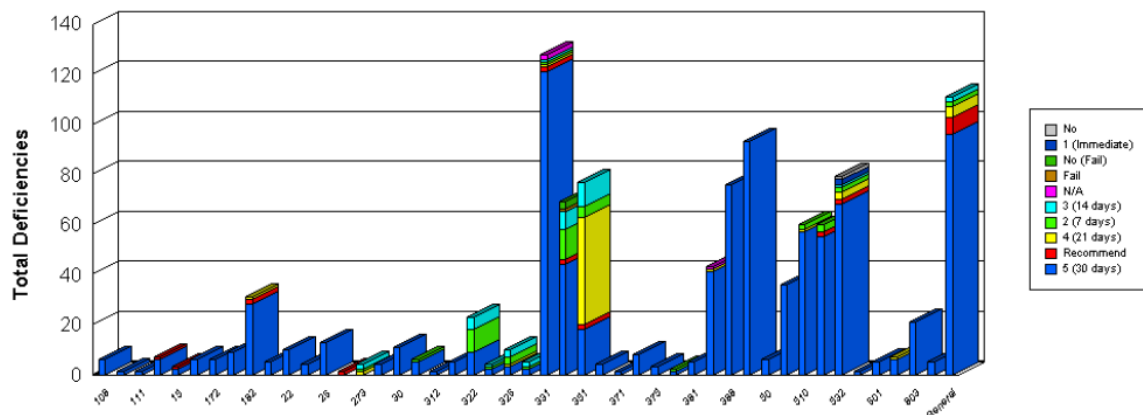
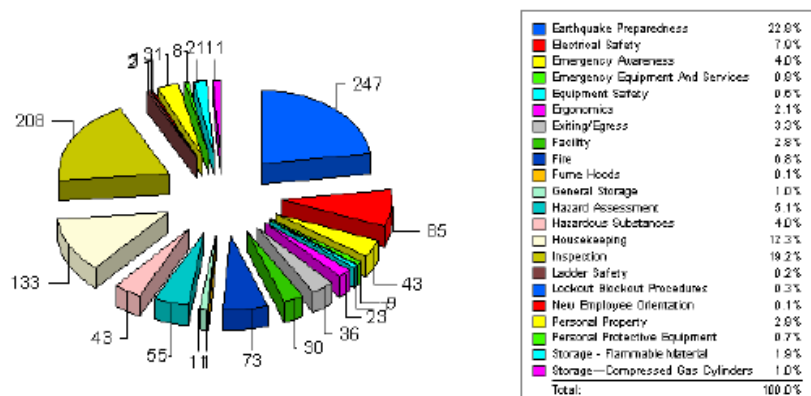
Earthquake Preparedness 247

Storage—Compressed Gas Cylinders

Cylinder Improperly Stored	5
Cylinder Not Secured	6

Storage—Compressed Gas Cylinders 11

Grand Total: 1,081



Additional Information

Pervidi Trigger mechanisms automatically send emails and alerts to users based on pre-set dynamic queries, for example:

- Send weekly emails to site managers including all overdue inspections for their respective sites
- Send monthly emails to site managers with a pie chart summarizing their deficiencies for that month.

Calendar of activities assigned to the specific user. Each user (or department manager) can see their activities (or their departmental activities)

Pervidi™
Work Smarter.

Main Jobs Addresses Add View Calendar CARs Reports Map Summary Logout

Today | 1 Day | 5 Work Week | 7 Week | 31 Month | 36 Year

May 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

Section: General

Staff: NOT ASSIGNED, NOT ASSIGNED

View: ☒ Inspections ☐ CARs ☐ Both

☐ Show Open and Closed Items

☒ Show All Items For The Allowed Staffs

25 26 27 28 29 30 1
900227 - Ladders & Sca...

2 3 4 5 6 7 8
900228 - Laboratories

9 10 11 12 13 14 15
900229 - **Sample Mobil...

16 17 18 19 20 21 22

23 24 25 26 27 28 29

Pervidi™
Work Smarter.

Main Jobs Addresses Add View Calendar CARs Reports Map Summary Logout

Inspection: 900228

Address: 0011 0011-1 0011-101A
Barcode: 0011-101A
Section: General
Task: Institutional Inspections
Description: Laboratories Inspection
Additional Information: 2550
chars: left

Staff: NOT ASSIGNED, NOT ASSIGNED
Scheduled On: 05/03/2010 08:36 PM

☐ Send to Wireless PDA













☐ Repeat Every: 1 Day(s) Date Rollover: Based on Scheduled Date

Inspection Details:

Complete Inspection Save
Add Detail Show Report Exit

Description	Results	Details	Image	Replicate?
Earthquake Preparedness	3 (14 days) Partitions Unstable	[Click save button after entering text.]	Add New	<input type="checkbox"/>
Electrical Safety	2 (7 days) Inadequate Access/Clearance	[Click save button after entering text.]	Add New	<input type="checkbox"/>
Emergency Awareness	4 (21 days) Missing 911 Sticker	[Click save button after entering text.]	Add New	<input type="checkbox"/>

7. DISTINGUISHING FEATURES

<i>Feature</i>	<i>Description</i>	<i>Pervidi</i>	<i>Others</i>
Implementation Alternatives	<p>The only solution that offers both a hosted solution (cloud-based) and as an in-house installation.</p> <p>In-house: 50% of our customers choose to store their safety information in-house: "There is no such thing as a 'Cloud' – it's just someone else's computer".</p> <p>Hosted: Techs4Biz is an independent 3rd party solution provider, serving safety professionals for over 16 years. Why trust your data to equipment manufacturers when you can store it on our independent servers.</p>		
Addresses YOUR specific needs	<p>Pervidi is offered both as a 'packaged' solution (commercial off-the-shelf) and as a custom implementation with software modifications that suit your specific needs.</p> <p>Since every customer is managed completely independently (not sharing the same database), Pervidi can be easily configured or tailored to your needs without any impact on other customers.</p>		
Configurable for ANY size Implementation	<p>We offer un-matched component diversity:</p> <ul style="list-style-type: none"> ○ Stand-alone Desktop Application ○ Client-Server Application ○ Web Portal (thin client) ○ Trigger Engine ○ Android App ○ iPhone/iPad App 		
Decision-Based Inspections	<p>Pervidi is the only solution that includes mobile decision-based inspections. This allows field inspectors to dynamically alter their inspection workflow based on conditions detected during their inspections.</p>		
Automatic Built-in Corrective Action Engine	<p>Includes a unique Corrective Action Mechanism that automatically and proactively tracks issues found during the inspection.</p>		
Automatic Notifications	<p>Includes a dynamic Trigger Engine that automatically sends emails and alerts based on dynamic criteria.</p>		

Feature	Description	Pervidi	Others
Reference Materials	Pervidi includes reference images and instructional PDF documents sent to mobile devices.	✓	✗
Multi Language Support	Pervidi is offered in English, French, Spanish Portuguese, Italian, German, Swedish	✓	✗
Supports All Safety Activities	<ul style="list-style-type: none"> - Fall Protection - PPE - Worker Training - Life & Fire Safety - Workplace Inspections & Observations - Customer Checklists 	✓	
Easy to Use	Easy to use; every component is designed specifically for the appropriate target audience.	✓	
Checklists for a Variety of Processes	Includes diverse checklists and the ability to design custom checklists. Checklists can range in complexity with the ability to automate any type of field inspection or data collection.	✓	
Diversity and Proven Experience	<p>Used since 1999 by a variety of industries:</p> 	✓	

Pervidi
Paperless Inspections

About Techs4Biz

- Established in 1999
- Focus is solely on the Pervidi product line
- Experts in mobile devices
 - First version of Pervidi released in 1999
 - Palm Pilot
 - Windows Mobile
 - Android
 - iOS
- 3 Offices:



- Toronto, Ontario, Canada
- Hauppauge, NY, U.S.A.
- Melbourne, Victoria, Australia

Proprietary and Confidential

www.techs4biz.com

Pervidi
Paperless Inspections

Current Offerings

- ✓ Offered in 7 languages:
 - English
 - French
 - German
 - Italian
 - Spanish
 - Portuguese
 - Swedish
- ✓ Sold Globally (locally in each country)
- ✓ Offerings include Hosted (SaaS) or In-House implementations
- ✓ Hosting facilities in Canada, US, Australia. Future hosting in the UK



Proprietary and Confidential

www.techs4biz.com

Pervidi
Paperless Inspections

Who is Using Pervidi

- Oil, Gas & Utilities
- Mining and Resources
- Manufacturing
- Safety
- Property/Facilities
- Education/ Health
- Service Providers
- Transportation
- Government
- Construction

Proprietary and Confidential

www.techs4biz.com

Pervidi
Paperless Inspections

What is Pervidi?

Easy-to-use Solution that Automates Business Processes related to ANY TYPE of Field Activity :

- Inspections
- Observations
- Audits
- Data Collection
- Work Orders
- Surveys



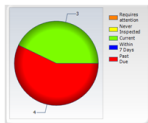
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www.techs4biz.com

Pervidi
Paperless Inspections

How Does Pervidi Work?

- Mobile devices (Replacing paper)
 - Designed for inspectors and field personnel.
 - Use of unlimited configurable checklists.
 - Integral use of mobile device features - Camera (Pictures, barcodes, 'doodling'), NFC (RFID tags), speech to text, date/time stamp.
 - Can operate 'offline'. Exchanges data via any connectivity (Wi-Fi, LTE, Bluetooth, etc.)
 - Include reference material (images and PDF)
- Web portal
 - Accessible from any Web Browser
 - Includes reporting, System Administration, Notifications, Data export, and Dashboards.
 - Automatic emails and alerts based on user-defined criteria.



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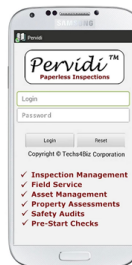
www.techs4biz.com

Pervidi
Paperless Inspections

Pervidi Distinguishing Features



- Most flexible/versatile complete solution
- Experience automating inspections since 1999
- Supports both SaaS and In-House
 - Alternative 1: Cloud-based + iOS/Android
 - Alternative 2: Desktop / Stand alone + iOS/Android
 - Alternative 3: Network/Server based + iOS/Android
- Supports 7 languages
- Offered both as COTS (Commercial off the shelf) and Tailored
- Most advanced Electronic Inspection Solution:
 - Extended mobile application features
 - Mobile devices operate offline
 - User-defined checklists or selected from a Library
 - Decision-based inspections
 - Deficiencies and Reference Materials
 - Corrective Actions
 - Triggers and Automatic Notifications
 - Barcodes and RFID



Proprietary and Confidential

www.techs4biz.com

Pervidi
Paperless Inspections

Pervidi Overview

- Track all types of areas and equipment
 - Buildings / Floors / Rooms, etc.
 - Any type of Assets / Equipment (Fire protection equipment, Air Handler Units, vehicles, trucks, forklifts, cranes, etc.)
- Track Customers and Jobs (if applicable)
- Track Attributes
 - Make, model, serial, manufacturer, length, etc.
 - Pictures of the equipment
 - Custom attributes
- Track Location / whereabouts
 - Current site, job, area
 - 'Move Management' functionality (using barcode scanners)
- Equipment Status (optional)
 - Active
 - Quarantine
 - Lost
 - Retired



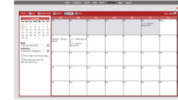
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Pervidi
Paperless Inspections

Pervidi Overview – Cont.

- Define Templates / Checklists
 - Templates are a standard list of questions / instructions (forms)
 - Includes: inspections, audits, PMs, tickets, repair activities, etc.
 - Users can define unlimited number and types of templates
- Manage activities and inspections
 - Track/Manage/Schedule all activities
 - Easy to use calendar/scheduler
 - Record inspections using:
 - Mobile Devices
 - Desktop computers
 - Web Portal
 - Details for each activity / work order / inspection type are managed by the user
 - Receive automatic alerts/reminders for upcoming / overdue activities
- Built-in Corrective Actions Mechanism
- Manage histories
 - Queries by users
 - Management reports



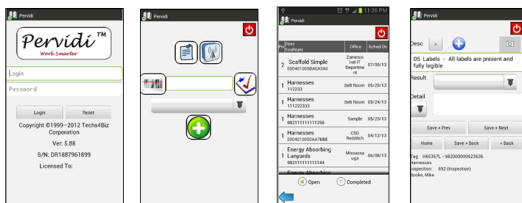
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www.techs4biz.com

Pervidi
Paperless Inspections

Pervidi Mobile App

- Supports Smartphones and Tablets
- Easy to use
- Works offline
- Same Mobile App can be used to inspect a wide variety of activities (driven by the user setting)



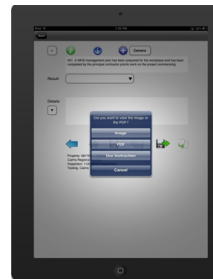
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www.techs4biz.com

Pervidi
Paperless Inspections

Pervidi Mobile App – Cont.

- Speech-to-Text
- Images
- Mobile Report
- Reference Materials



Pervidi
Paperless Inspections

Activity Report

Inspection: 10/10/2010	Inspector: 10/10/2010
Inspection: 10/10/2010	Inspector: 10/10/2010
Inspection: 10/10/2010	Inspector: 10/10/2010
Inspection: 10/10/2010	Inspector: 10/10/2010

Inspection: Energy Absorbing Lanyards

Item	Result
1. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
2. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
3. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
4. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
5. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
6. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
7. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
8. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
9. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
10. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
11. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
12. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
13. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
14. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
15. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
16. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
17. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
18. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
19. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass
20. All lanyards are labeled and dated - All lanyards are labeled and dated.	Pass

Printed on: 10/10/2010 11:00:21

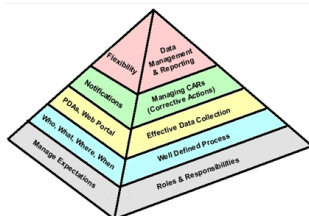
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www.techs4biz.com

Pervidi
Paperless Inspections

Tailored Projects

- Larger implementations (including in-house)
- Assistance with automation of manual processes
- Business Process Streamlining
- Applying experience from implementations of Pervidi at similar businesses



Proprietary and Confidential

www.techs4biz.com

Pervidi
Paperless Inspections

Tangible Benefits

The average time it takes to administer paper-based inspections is estimated at 50% of the time it takes to actually perform these inspections.

Administration tasks include:

- Locating / identifying equipment
- Determining status and inspection history
- Data entry (includes deciphering handwriting)
- Paper filing time
- Generating reports
- Creating and managing Corrective Actions; dealing with deficiencies
- Management reports

Pervidi Tangible savings are therefore 33% of the cost of managing inspections



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8. ADDITIONAL BID DOCUMENTS

BID/PROPOSAL CERTIFICATION

Please Note: All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) 930185 Ontario Ltd. o/a Techs4Biz
Address: 15 Allstate Parkway, Suite 600
City: Markham State: Ontario Zip: L3R 5B4 Canada
Telephone No. 800-361-8725 / 905-475-9910 FAX No. 647-427-5544 Email: sales@techs4biz.com

Delivery: Calendar days after receipt of Purchase Order (**section 1.02 of General Conditions**): 120

Payment Terms (**section 1.04 of General Conditions**): See COST Section in proposal

Total Bid Discount (**section 1.05 of General Conditions**): _____

Does your firm qualify for MBE or WBE status (**section 1.09 of General Conditions**): MBE _____ WBE _____

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Addendum No.	Date Issued	Addendum No.	Date Issued
_____	_____	_____	_____
_____	_____	_____	_____

VARIANCES: If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A. **If submitting your response electronically through BIDSYNC you must also click the "Take Exception" button.**

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:



Eitan Shibi

Name (printed)

Signature

July 14, 2016

Date:

CTO (Chief Technology Officer)

Title

Contract Payment Method**CONTRACT PAYMENT METHOD BY P-CARD**

THIS FORM MUST BY SUBMITTED WITH YOUR RESPONSE

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to payment by credit card via MasterCard or Visa. This allows you as a vendor of the City of Fort Lauderdale to receive your payment fast and safely. No more waiting for checks to be printed and mailed.

Payments will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, firms must presently have the ability to accept credit card payment or take whatever steps necessary to implement acceptance of a credit card before the commencement of a contract.

Please indicate which credit card payment you prefer:

 X Master Card X Visa CardCompany Name: Techs4BizEitan Shibi

Name (printed)



Signature

July 14, 2016

Date:

CTO

Title

Local Business Preference (LBP)

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local BUSINESS preference classification as indicated herein, and further certifies and agrees that it will re-affirm it's local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

(1) _____
Business Name

is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the City of Fort Lauderdale current year Business Tax Receipt and a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.

(2) _____
Business Name

is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Business Tax Receipt or a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.

(3) _____
Business Name

is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.

(4) _____
Business Name

requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

(5) _____
Business Name

requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

(6) _____
Business Name

is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. and does not qualify for Local Preference consideration.

BIDDER'S COMPANY:

Techs4Biz

AUTHORIZED COMPANY PERSON:

Eitan Shibi
NAME SIGNATURE DATE

Please note that although Techs4Biz is a Canadian Company, we have a local address in Aventura which can be used as a 'base' for the duration of this project: 3610 Yacht Club Drive, #403, Aventura, FL 33180 Attn: Eitan Shibi c/o Oscar

Non-Collusion Statement

NON-COLLUSION STATEMENT:

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

<u>NAME</u>	<u>RELATIONSHIPS</u>
<hr/>	<hr/>
<hr/>	<hr/>
	<hr/>
	<hr/>



In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

No such Relationship exists.



Eitan Shibi Techs4Biz

Sample Insurance Certificate

CERTIFICATE OF INSURANCE					ISSUE DATE (MM/DD/YY) 07/12/2016	
BROKER  Cowan Insurance Group Ltd. 705 Fountain Street North PO Box 1510 Cambridge, ON N1R 5T2 Matt Smith PHONE: 519-650-6360 FAX: 519-650-6366			This certificate is issued as a matter of information only and confers no rights upon the certificate holder. This certificate does not amend, extend or alter the coverage afforded by the policies below.			
INSURED'S FULL NAME AND MAILING ADDRESS 930185 Ontario Ltd. o/a Techs4biz 15 Allstate Pkwy. #600 Markham, ON L3R 5B4 Canada			Company A	Certain U/Ws at Lloyds London		
			Company B			
			Company C			
			Company D			
			Company E			
COVERAGES						
This is to certify that the policies of insurance listed below have been issued to the Insured named above for the policy period indicated, not withstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain. The insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies. Limits shown may have been reduced by paid claims.						
TYPE OF INSURANCE <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCURRENCE <input checked="" type="checkbox"/> PRODUCTS AND/OR COMPLETED OPERATIONS <input checked="" type="checkbox"/> PERSONAL INJURY <input type="checkbox"/> EMPLOYER'S LIABILITY <input checked="" type="checkbox"/> TENANT'S LEGAL LIABILITY <input checked="" type="checkbox"/> NON-OWNED AUTOMOBILE <input checked="" type="checkbox"/> HIRED AUTOMOBILE	CO LTR A	POLICY NUMBER ESB02044011	POLICY EFFECTIVE DATE (MM/DD/YY) 02/14/2016	POLICY EXPIRATION DATE (MM/DD/YY) 02/14/2017	LIMITS OF LIABILITY (Canadian dollars unless indicated otherwise)	
					EACH OCCURRENCE	\$ 2,000,000
					GENERAL AGGREGATE	\$ 2,000,000
					PRODUCTS - COMP/OP AGGREGATE	\$ 2,000,000
					PERSONAL INJURY	\$ 2,000,000
					EMPLOYER'S LIABILITY	\$
					TENANT'S LEGAL LIABILITY	\$ 250,000
					NON-OWNED AUTOMOBILE	\$ 2,000,000
					HIRED AUTOMOBILE	\$ 50,000
AUTOMOBILE LIABILITY <input type="checkbox"/> DESCRIBED AUTOMOBILES <input type="checkbox"/> ALL OWNED AUTOMOBILES <input type="checkbox"/> LEASED AUTOMOBILES ** <input type="checkbox"/> GARAGE LIABILITY **ALL AUTOMOBILES LEASED IN EXCESS OF 30 DAYS WHERE THE INSURED IS REQUIRED TO PROVIDE INSURANCE						
					BODILY INJURY	\$
					PROPERTY DAMAGE	\$
					COMBINED	\$
					BODILY INJURY (Per person)	\$
					BODILY INJURY (Per accident)	\$
					PROPERTY DAMAGE	\$
EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM						
					EACH OCCURRENCE	\$
					AGGREGATE	\$
OTHER (SPECIFY) Errors & Omissions		A	ESB02044011	02/14/2016	02/14/2017	Errors & Omissions \$ 250,000 \$ \$ \$
DESCRIPTION OF OPERATIONS/LOCATIONS/AUTOMOBILES/SPECIAL ITEMS/ ADDITIONAL INSURED This certificate is to act as proof of insurance.						
CERTIFICATE HOLDER Techs4biz 15 Allstate Pkwy. #600 Markham, ON L3R 5B4 Canada				CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOUR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE Per:  page 1 of 1		

2VMZF9Z5

Business License

Techs4Biz has been selling and supporting our software in the U.S. for over 17 years. Specifically for the state of Florida, there are 2 ways for us to conduct business:

- (a) Conduct business as a Canadian software company; we will provide you with our W8-ben form.
- (b) We can also sell our products and services through local Safety Distributors in Florida. We have been working with distributors such as:
 - Fastenal
 - Grainger
 - AirGas
 - Florida Wire & Rigging Supply
 - And others

If method (b) is selected, the City of Fort Lauderdale would issue a Purchase Order to their preferred Safety Distributor. That distributor will issue a Purchase Order to Techs4biz – and Techs4biz will be doing the work as described in this proposal.

Addendum #3

RFP No. 864-11776
TITLE: Inspections Software, Airport Operations

ISSUED: 06/30/16

This addendum is being issued to make the following changes:

Section 4.2.5 References: shall now read as:

Provide at least five references, preferably government agencies, for projects with similar scope as listed in this RFP. Information should include:

- A. Client Name, address, contact person telephone and E-mail addresses.
- B. Description of work.
- C. Year the project was completed.
- D. Total cost of the project, estimated and actual.

Note: Do not include City of Fort Lauderdale work or staff as references to demonstrate your capabilities. The Committee is interested in work experience and references other than the City of Fort Lauderdale.

5.2.2 Weighted Criteria – for Number of Proposed Version Installed and References

Under Explanation/Definition shall now read as:

5 Verifiable Airport References from Vendors you have supplied Airfield / Airport Inspection Software

All other terms, conditions, and specifications remain unchanged.

Laurie Platkin
Procurement Specialist II

Company Name: Techs4Biz
(please print)

Bidder's Signature: 

Date: July 14, 2016

Pervidi

Total Safety Solution

SAFETY INSPECTIONS AND COMPLIANCE JUST GOT EASIER



- FALL PROTECTION
- PERSONAL PROTECTIVE EQUIPMENT
- PRE-START CHECKS
- WORKER TRAINING
- LIFE & FIRE SAFETY
- WORKPLACE INSPECTIONS
- SITE SURVEY

Techs
4bizTM
.com

Techs4Biz Corporation
USA: (800)361-8725
Canada: (905) 475-9910
Australia: +61-3-8862-5485
sales@techs4biz.com

TRACK AND INSPECT VIRTUALLY ANY ASSET

AUTOMATIC ASSET IDENTIFICATION / VERIFICATION

Fetch product information including attributes, image and description

PAPERLESS INSPECTIONS USING SMARTPHONES AND TABLETS

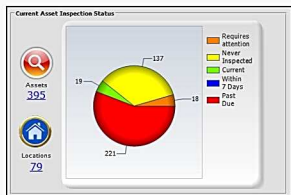
Fully automated, including flexible checklists, corrective actions, and work assignment.

REPORTS, ALERTS AND DASHBOARDS

Produce detailed inspection reports, summary asset status, and charts.

CALENDAR AND REMINDERS

Easy to use calendar and automatic alerts that assist in managing your workload.



SYSTEM BENEFITS

SAVES TIME AND MONEY

Reduces time by over 35% compared with manual paper-based inspections.

EASY TO USE

Specifically designed for field technicians, facility managers, inspectors and auditors.

EASY IMPLEMENTATION

Fully implemented and supported by Techs4Biz.

IMPROVES COMPLIANCE

Tracks all aspects of compliance, corrective actions and alerts.

IMPROVES INVENTORY CONTROL

Tracks and manages all types of assets and equipment.

CHOOSE THE PERVIDI PRODUCT THAT IS RIGHT FOR YOU

PERVIDI WEB HOSTED (CLOUD)

Subscription-based service, combining Web Portal and mobile devices.

PERVIDI DESKTOP

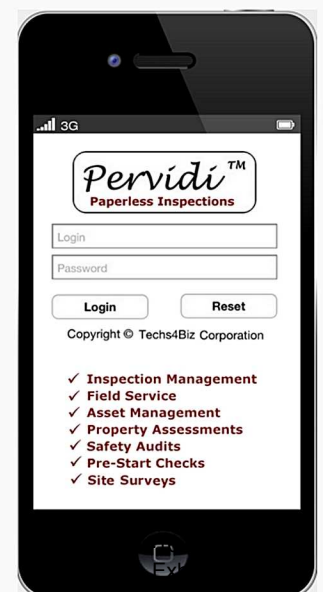
Small in-house projects using a stand-alone desktop + mobile devices.

PERVIDI NETWORK

In-house server-based installation.

All versions support smartphones, tablets and mobile devices.

Pervidi has been used to manage and track safety inspections since 1999.



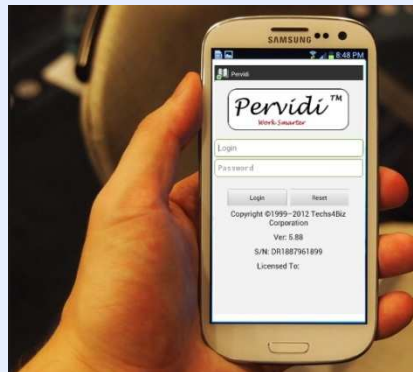


Pervidi

Paperless Inspections

Innovative Inspection Management

- **Mobile Devices**
- **Software**
- **Web Portal**



About Techs4Biz

- Established in 1999
- Focus is solely on the Pervidi product line
- Experts in mobile devices
 - First version of Pervidi released in 1999
 - Palm Pilot
 - Windows Mobile
 - Android
 - iOS
- 3 Offices:



- Toronto, Ontario, Canada



- Hauppauge, NY, U.S.A.



- Melbourne, Victoria, Australia

Current Offerings

✓ Offered in 7 languages:

- English
- French
- German
- Italian
- Spanish
- Portuguese
- Swedish

✓ Sold Globally (locally in each country)

✓ Offerings include Hosted (SaaS) or In-House implementations

✓ Hosting facilities in Canada, US, Australia.
Future hosting in the UK



Who is Using Pervidi

- Oil, Gas & Utilities



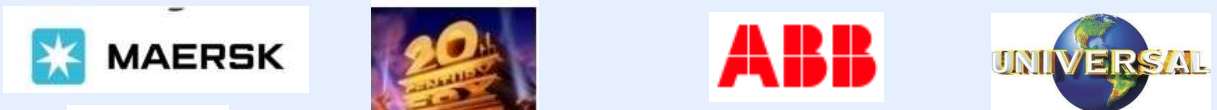
- Mining and Resources



- Manufacturing



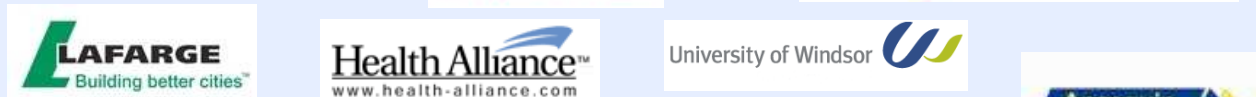
- Safety



- Property/Facilities



- Education/ Health



- Service Providers



- Transportation



- Government



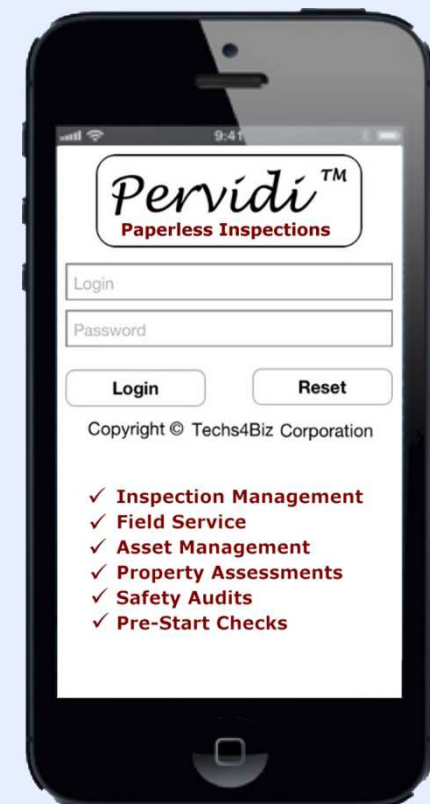
- Construction



What is Pervidi?

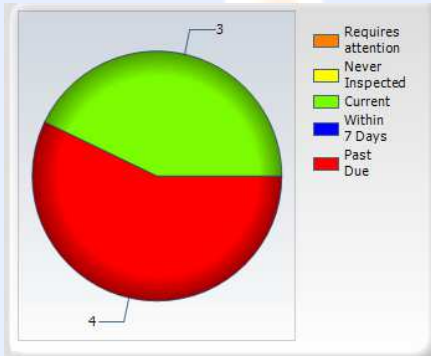
Easy-to-use Solution that
Automates Business Processes
related to ANY TYPE of Field Activity :

- Inspections
- Observations
- Audits
- Data Collection
- Work Orders
- Surveys



How Does Pervidi Work?

- Mobile devices (Replacing paper)
 - Designed for inspectors and field personnel.
 - Use of unlimited configurable checklists.
 - Integral use of mobile device features - Camera (Pictures, barcodes, 'doodling'), NFC (RFID tags), speech to text, date/time stamp.
 - Can operate 'offline'. Exchanges data via any connectivity (Wi-Fi, LTE, Bluetooth, etc.)
 - Include reference material (images and PDF)
- Web portal
 - Accessible from any Web Browser
 - Includes reporting, System Administration, Notifications, Data export, and Dashboards.
 - Automatic emails and alerts based on user-defined criteria.



Pervidi Distinguishing Features



- Most flexible/versatile complete solution
- Experience automating inspections since 1999
- Supports both SaaS and In-House
 - Alternative 1: Cloud-based + iOS/Android
 - Alternative 2: Desktop / Stand alone + iOS/Android
 - Alternative 3: Network/Server based + iOS/Android
- Supports 7 languages
- Offered both as COTS (Commercial off the shelf) and Tailored
- Most advanced Electronic Inspection Solution:
 - Extended mobile application features
 - Mobile devices operate offline
 - User-defined checklists or selected from a Library
 - Decision-based inspections
 - Deficiencies and Reference Materials
 - Corrective Actions
 - Triggers and Automatic Notifications
 - Barcodes and RFID

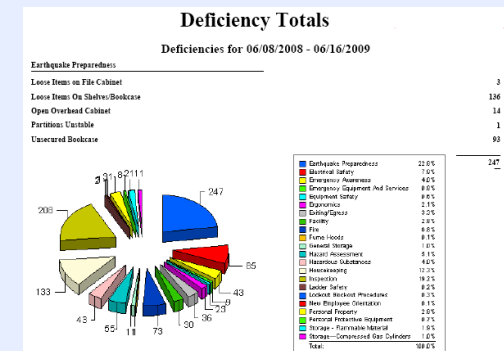


Pervidi Overview

- Track all types of areas and equipment
 - Buildings / Floors / Rooms, etc.
 - Any type of Assets / Equipment (Fire protection equipment, Air Handler Units, vehicles, trucks, forklifts, cranes, etc.)
- Product Information Fetch Engine
- Track Customers and Jobs (if applicable)
- Attributes
 - Make, model, serial, manufacturer, length, etc.
 - Pictures of the equipment; Custom attributes
- Track Location / whereabouts
 - Current site, job, area
 - 'Move Management' (using barcode scanners)
- Equipment Status (optional)
 - Active
 - Quarantine
 - Retired

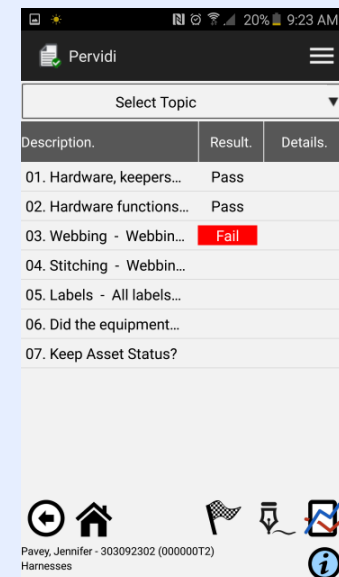
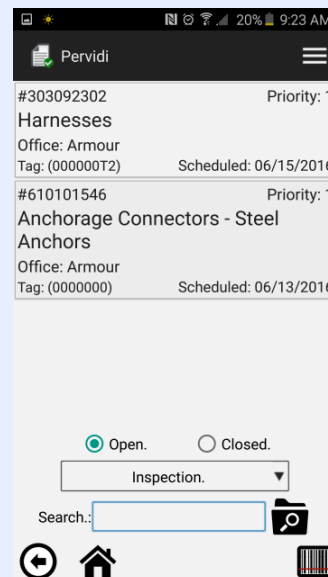
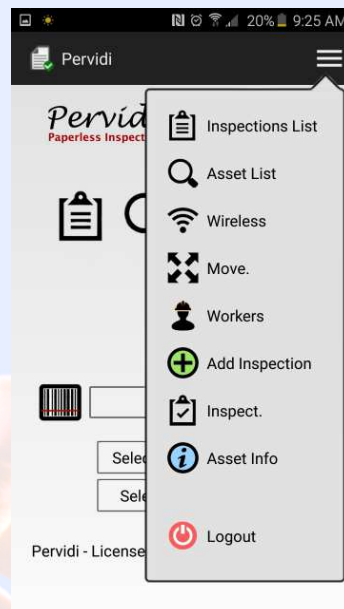
Pervidi Overview – Cont.

- Define Templates / Checklists
 - Templates are a standard list of questions / instructions (forms)
 - Includes: inspections, audits, PMs, tickets, repair activities, etc.
 - Users can define unlimited number and types of templates
- Manage activities and inspections
 - Track/Manage/Schedule all activities
 - Easy to use calendar/scheduler
 - Record inspections using:
 - Mobile Devices
 - Desktop computers
 - Web Portal
 - Details for each activity / work order / inspection type are managed by the user
 - Receive automatic alerts/reminders for upcoming / overdue activities
- Built-in Corrective Actions Mechanism
- Manage histories
 - Queries by users
 - Management reports



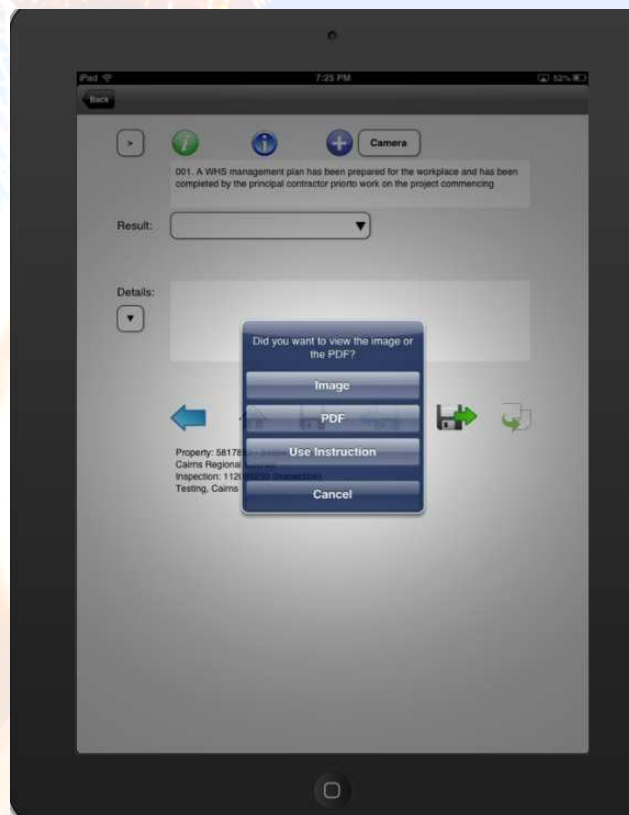
Mobile Apps

- Supports Smartphones and Tablets
- Easy to use
- Works offline
- Same Mobile App can be used to inspect a wide variety of activities (driven by the user setting)



Pervidi Mobile App – Cont.

- Speech-to-Text
- Images
- Mobile Report
- Reference Materials




Pervidi
Paperless Inspections

Activity Report

Tag:	barcode001	Inspection:	798143413
Asset Description:	Asset description	Scheduled:	05/08/2014
Inspector:	USER, USER	Location:	Location 01 Area 01 Location 012
Product Type:	Other category		
Status:	Active		

Inspection: Energy Absorbing Lanyards

Descr	Result
01. Hardware, keepers and buckles - All hardware and buckles are free from damage, distortion, and free from sharp edges, burrs, wear or corrosion.	Pass #
02. Connecting hooks and hardware - Connecting hooks work properly and gates lock upon closing.	Pass #
03. Lanyard material - Energy absorber shows no evidence of being activated, the cover is in tact and no deployment warning is visible.	Fail - No holes in leg straps around grommets. Configured to the question 
04. Lanyard terminations - Lanyard material and terminations are free of corrosion, damage, fraying and discoloration. Stitches and terminations are not damaged or broken.	Pass #
05. Label - All labels are present and fully legible.	
06. Did the equipment Pass or Fail inspection?	
07. Keep Asset Status?	

Printed On: 05/08/2014 14:36:23 Page 1

Pervidi Web Portal

Main Customers Addresses Assets Add View Calendar CARs Reports Map Summary Parts Logout

Search Criteria

From: 11/30/2008 To: 12/14/2009

View Closed Inspections Date Range By: ☐ Completed On ☐ Scheduled On

Sections: General

Staff: NOT ASSIGNED, NOT ASSIGNED

Address: All Addresses

Checklist: All Checklists

Barcode:

Search Clear

Summary Report Detail Report

Global Change

Change Status: ☐ Wireless

NOT ASSIGNED, NOT ASSIGNED

Re-Assign

Open Inspections:

Inspection	Barcode	Address	Description	Based On Checklist	Status	Scheduled On
8922	011-117	11-11-11-117	Laboratories	Laboratories	New	04/14/2009
8926	0000000	Generic Generic	Construction Safety Inspection	Construction Safety Inspection	New	11/24/2009
908123	107-2008	107-2008	Site Inspection	Site Inspection	New	04/14/2009
908126	200-1220	200-1220	Admin - Action Needed	Admin - Action Needed	New	04/29/2009
908127	200-122E	200-122E	Admin - Action Needed	Admin - Action Needed	New	07/07/2009



Main Locations Assets Add View Calendar Map Logout

Today | 1 Day | 5 Work Week | 7 Week | 1 Month | 3 Year

May 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	29	30	May 1
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

Dept: Internal Inspectors

Technicians: Inspectors, Inspector

☐ show Open and Closed Items

☐ show All Items For The Allowed Technicians

Main Locations Assets Add View Calendar Map Logout

Search Criteria

From: 04/29/2010 To: 05/09/2010

Dept: Internal Inspectors

Customers: All Customers

Inspection:

Barcode:

Technicians: Inspectors, Inspector

Locations: All Locations

Checklist: All Checklists

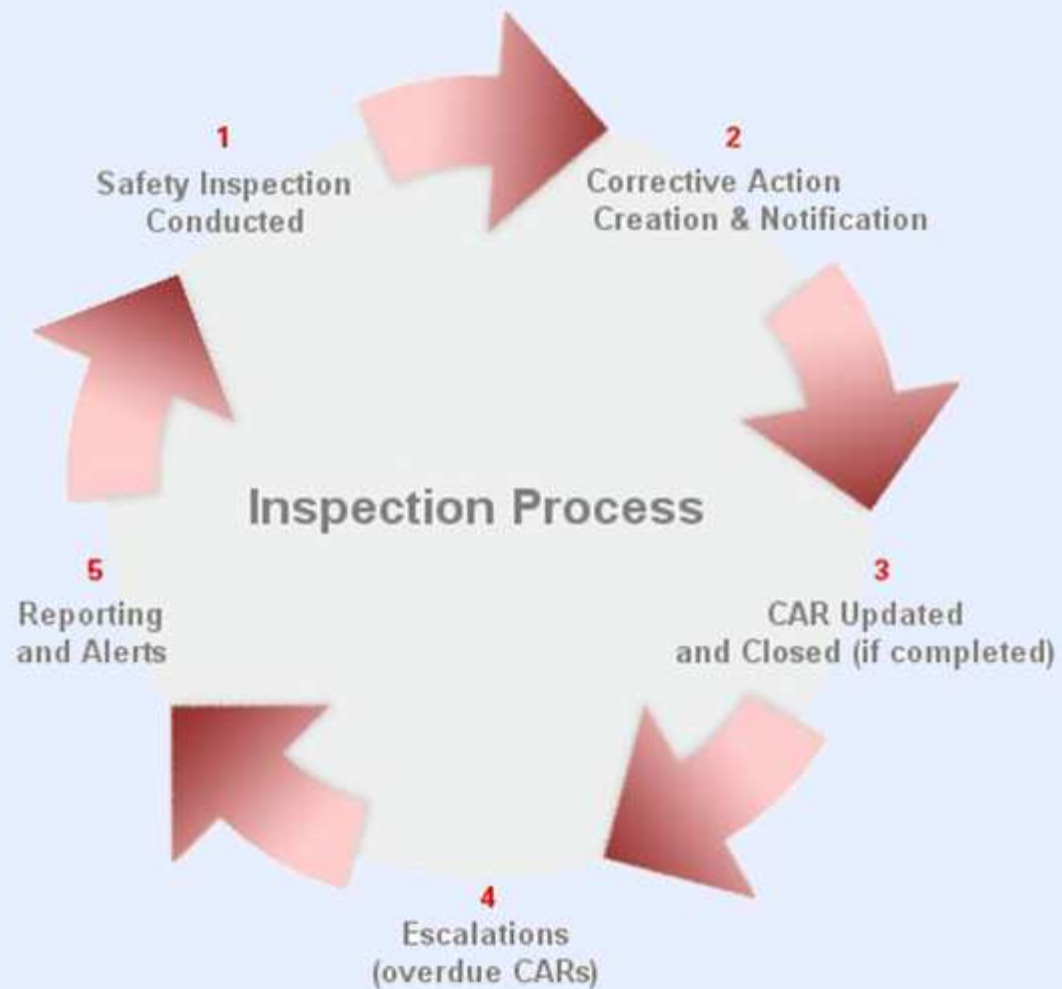
Search Clear

Plan Route

Locations

- Freemans Pharm. (#117 - Service Report N2 Generator)
- Freemans Pharm. (#119 - Service Report N2 Generator)
- Freemans Pharm. (#125 - Verification of Site and Equipment)
- Parker HOME (#900004 - Service Report N2 Generator)

Corrective Actions



Reports

Certificates and reports

Inspection Certificate

Inspection Cert No.: 551

Customer: Thies Services

Date Inspected: 15-Nov-2011
Location: Thies Services

Job #	Asset #	Serial #	Item Description	Quality grade	Nominal Size (mm)	Length (Metres)	Finish	WLL (Tonnes)	Standard	Pass / Fail
3153	A115320	PS01162	Wire/Cable Grip Bare Cable			0.20	Gold	2.00	N/A	Pass
3154	A115912	PS01163	Wire/Cable Grip Bare Cable			0.20	Gold	2.00	N/A	Pass
3155	A112651	PS01164	Wire/Cable Grip Bare Cable			0.20	Gold	1.00	N/A	Pass

Accreditation No:



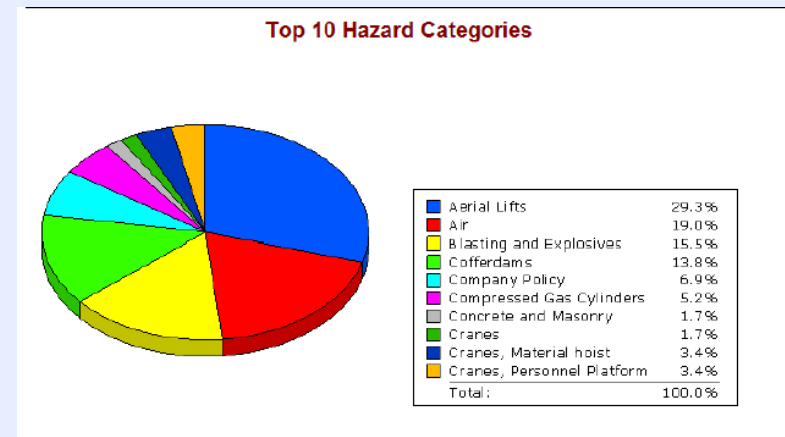
This document is issued in accordance with NATA's accreditation requirements. The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards. This document shall not be reproduced except in full.

Date:

Name:

Authorised Signature:

Key Performance Indicators



Statistics

Inspection Statistics

Inspection Statistics Report 11/30/2008 - 12/08/2009

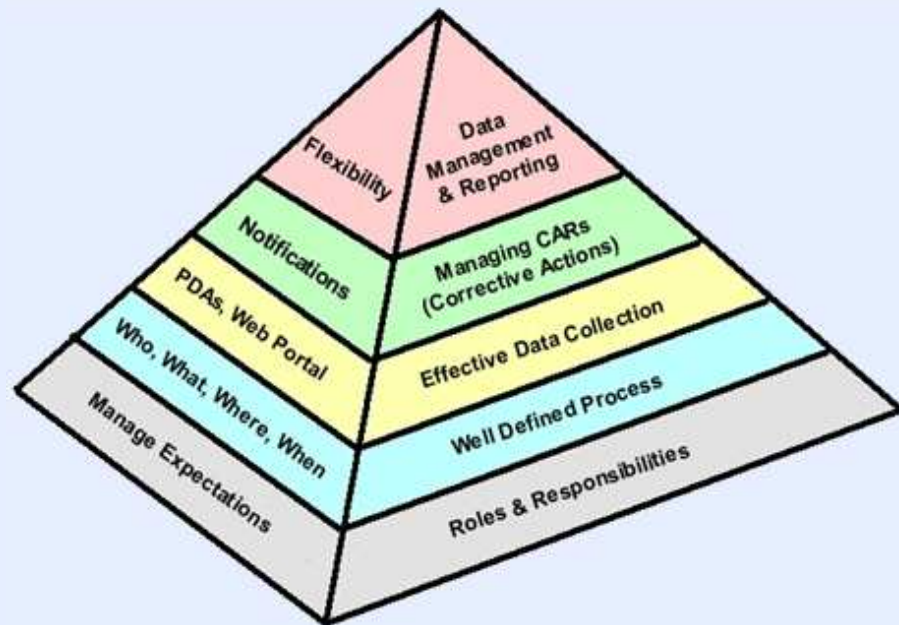
Director:	Total # of Inspections	Lat Inspections	# of Deficiencies	# of FAILED	# of WIP	# of CORRECTED
Manager:						
Supervisors: NOT ASSIGNED	2	0	0	0	0	0
Supervisors: Plant Plant	17	0	0	0	0	0

Trends and Forecasts



Tailored Projects

- Larger implementations (including in-house)
- Assistance with automation of manual processes
- Business Process Streamlining
- Applying experience from implementations of Pervidi at similar businesses



Intangible Benefits

- Comply with standards and regulations
- Maintain and easily access organized records
- Produce logs, certificates, reports and alerts
- Guarantee that activities are performed on schedule
- Improve accountability and employee ownership
- Eliminate data entry - Save time and money
- Manage corrective actions / equipment repair
- Simplify activities and minimize learning curves
- Improve management reporting, forecasts and trends analysis
- Supports BYOD implementations (Bring Your Own Device)

Tangible Benefits

The average time it takes to administer paper-based inspections is estimated at 50% of the time it takes to actually perform these inspections.

Administration tasks include:

- Locating / identifying equipment
- Determining status and inspection history
- Data entry (includes deciphering handwriting)
- Paper filing time
- Generating reports
- Creating and managing Corrective Actions; dealing with deficiencies
- Management reports

**Pervidi Tangible savings are therefore
33% of the cost of managing inspections**



Thank You



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*Pervidi*TM W3












Work
Faster

Work
Smarter

Work
Anywhere

Why is Pervidi unique?

Feature	Description	Pervidi	Others
Implementation Alternatives	<p>The only solution that offers both a hosted solution (cloud-based) and as an in-house installation.</p> <p>In-house: Many of our customers choose to store their safety information in-house: "There is no such thing as a 'Cloud' – it's just someone else's computer".</p> <p>Hosted: Techs4Biz is an independent 3rd party solution provider, serving safety professionals for over 16 years. Why trust your data to equipment manufacturers when you can store it on our independent servers.</p>		
Addresses YOUR specific needs	Pervidi is offered both as a 'packaged' solution (commercial off-the-shelf) and as a custom implementation with software modifications that suit your specific needs. Since every customer is managed completely independently (not sharing the same database), Pervidi can be easily configured or tailored to your needs without any impact on other customers.		
Configurable for ANY size Implementation	<p>We offer un-matched component diversity:</p> <ul style="list-style-type: none"> ○ Web Portal (thin client) ○ Stand-alone Desktop Application ○ Client-Server Application ○ Trigger Engine ○ Windows-Mobile software ○ Android App ○ iPhone/iPad App 		
Decision-Based Inspections	Pervidi is the only solution that includes mobile decision-based inspections. This allows field inspectors to dynamically alter inspection workflow based on conditions detected during their inspections.		
Automatic Built-in Corrective Action Engine	Includes a unique Corrective Action Mechanism that automatically and proactively tracks issues found during the inspection.		
Automatic Notifications	Includes a dynamic Trigger Engine that automatically sends emails and alerts based on dynamic criteria.		

Feature	Description	Pervidi	Others
Product Fetch Engine	Pervidi fetches product information from a variety of manufacturers including fall protection and ladders.		
Reference Materials	Pervidi includes reference images and instructional PDF documents sent to mobile devices.		
Multi Language Support	Pervidi is offered in English, French, Spanish Portuguese, Italian, German, Swedish		
Renewal Fees	Pervidi is the ONLY solution that guarantees that your Subscription costs remain the same year-after-year.		
Supports All Safety Activities	<ul style="list-style-type: none"> - Fall Protection - PPE - Worker Training - Life & Fire Safety - Workplace Inspections & Observations - Customer Checklists 		
Easy to Use	Easy to use; every component is designed specifically for the appropriate target audience.		
Checklists for a Variety of Processes	Includes diverse checklists and the ability to design custom checklists. Checklists can range in complexity with the ability to automate any type of field inspection or data collection.		
Diversity and Proven Experience	Used since 1999 by a large variety of companies and Industries.	