Streamlining your Fire Inspections with Tablets

Overview & Demo
www.mi-corporation.com

Number of inspections by type
Last 6 months

Jan
Pesticides: 129
Restaurants: 293
Safety: 341
Fire: 139
Bridge: 93

Pesticides Restaurants Safety
Fire Bridge
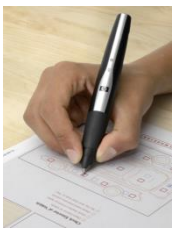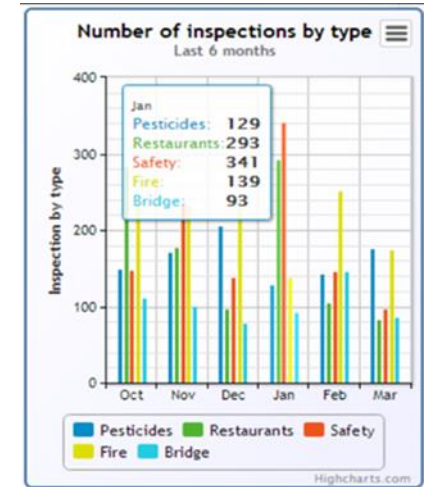
Mi-Corporation

Mi-Corporation Corporate Overview

- 15 years of Enterprise Mobility Software Experience
  - *Founded 1999*

- Enterprise Mobile Data Solutions to optimize mission-critical processes
  - *Mobile forms, mobile apps & dashboarding/reporting products*
  - *Any data, Any Device, Anywhere!*
  - *Flexible, scalable, secure & mature (v10)*

- Partnered with industry leaders
  - *Intel, Microsoft Gold ISV, Panasonic, Motion Computing, Samsung, Anoto & more*

- Intellectual leadership
  - *10 issued US Patents, 3 more pending*

Mi-Corporation
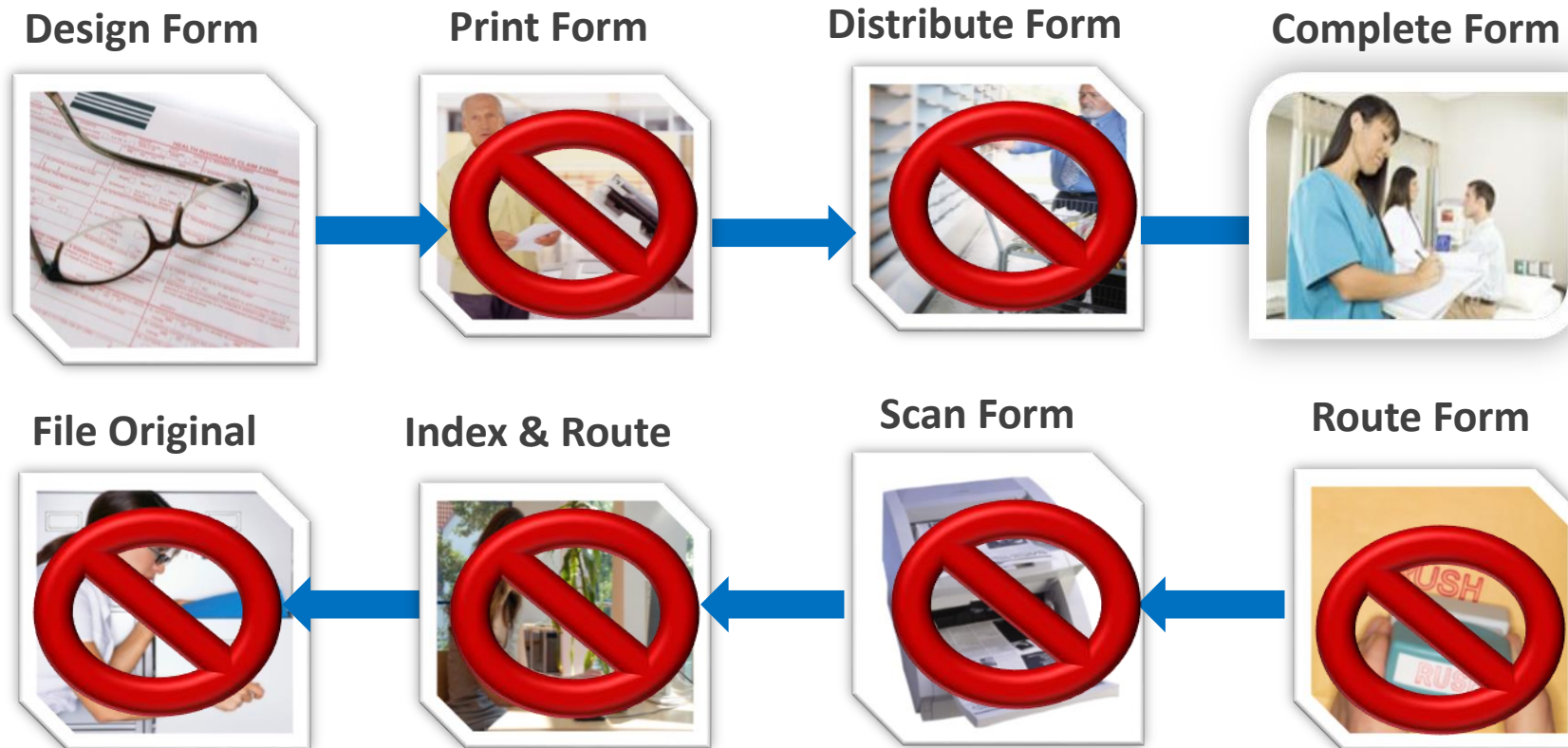
Customer Problems We Solve

- Employee productivity hampered by paper processes, no historical context

- Processes are redundant, not streamlined or efficient as could be

- Costs are adding up with manual data-entry, printing, mailing, scanning etc.

- Information is not reported quickly enough, slows billing, other processing

- Data accuracy issues with the constant need to fix errors on the back-end

- Competitive pressure to use technology for better customer service & turnaround

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Poll 1

What is a Mission Critical Process?

Business Case: Typical Paper Form Workflow

Design Form

Print Form

Distribute Form

Complete Form

File Original

Index & Route

Scan Form

Route Form

Approximate cost of a paper form: $4.95
- AIIM Whitepaper, 2012

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Business Case: Typical Mobile App Project

Mobile APP Complexity	Native Cost To Develop for One Platform
Simple	$70,000
Medium	$120,000
Very	$225,000 +

MADP Development Time Savings of 30% - 50%

Mobile APP Complexity	MADP Cost To Develop for One Platform
Simple	$42,000
Medium	$72,000
Very	$135,000+

User Management

Data Security

Offline Syncing

Workflows & Logic

Integration to Enterprise Systems

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Business Case: KPIs, Dashboards & Analytics

What? → So what? → Now what?

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Pesticides Restaurants Safety
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Highcharts.com

GOOD DECISION MAKING IN BUSINESS

http://www.actioncoach.com/Good-Decision-Making-in-Business?pressid=1282
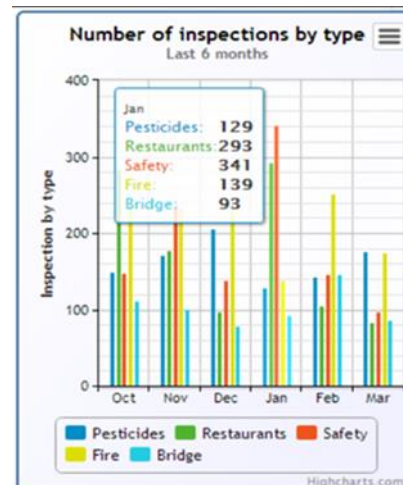
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Poll 2

Mi-Corporation Products: Mi-Forms

Mi-Forms Software System

Software that allows enterprises to build electronic forms _applications_ for mobile data collection

- Build Any Form App (however simple or complex) & deploy to any device

- Implement Any Business Rule for Verification, Validation or data lookup (online or _offline_)

- Communicate with _any_ Backend Enterprise System (via 90 APIs & web services)
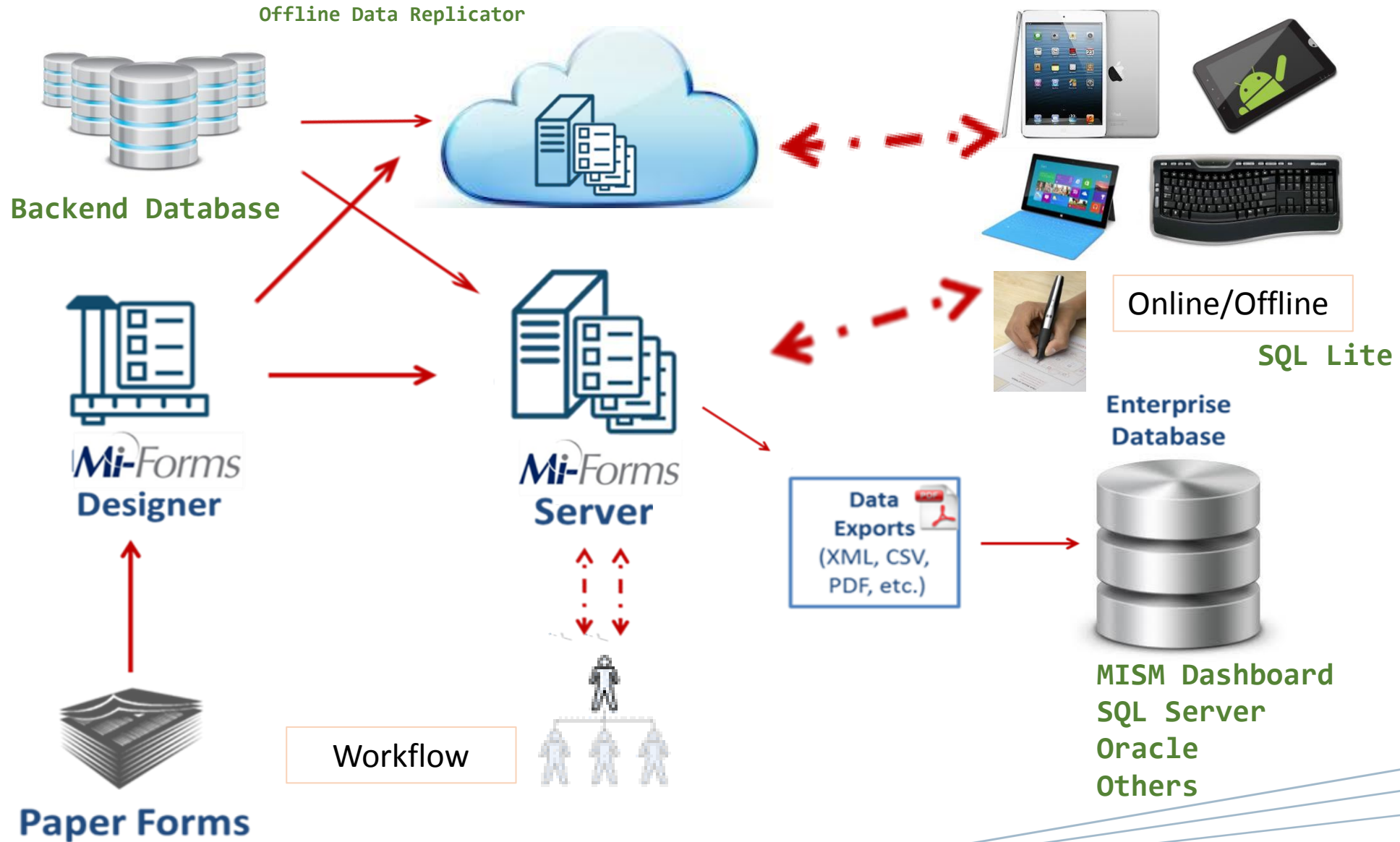
Design Forms   ▶   **Capture Data**   ▶   **Verify Data**   ▶   **Communicate Information**

Last Name
JOHNSON
JOHNSON

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Mi-Forms Platform Architecture

Offline Data Replicator

Backend Database

Mi-Forms Designer

Mi-Forms Server

Online/Offline

SQL Lite

Enterprise Database

Data Exports (XML, CSV, PDF, etc.)

Workflow

Paper Forms

MISM Dashboard
SQL Server
Oracle
Others

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Other Mobility Products Available from Mi-Corporation

- **Mobile Field Inspection System**
  - Field Inspection Dashboard/Database/Reporting system
  - Database tables automatically created when forms created
  - Pre-configured reports, dashboards, charts/graphs; on-premises or hosted

- **Mi-Enterprise Apps**
  - Server-based middleware platform for mobile app developers to use
  - Manages users, integration, workflow, business logic, syncing, security etc.
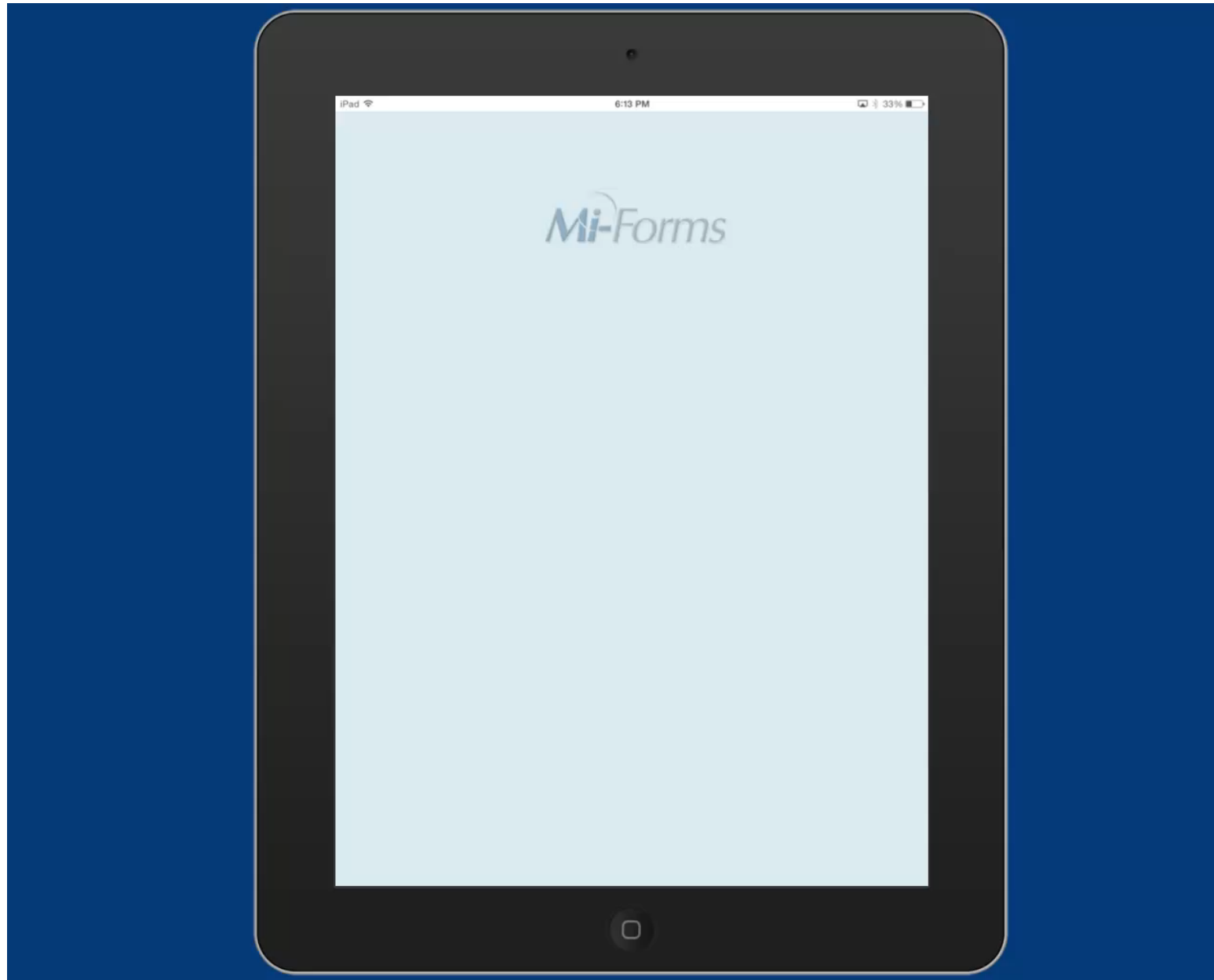 - Allows for faster app deployment with proven technology in weeks not months

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Pesticides Restaurants Safety
Fire Bridge

Service & Support Matter for Mission-Critical Processes

MICROSOFT PARTNER RATING
The Net Satisfaction (NSAT) score is a standard for measuring customer satisfaction. Mi-Co has achieved the highest possible rating of 200.

200
MI-CO NSAT SCORE

166.46
AVERAGE MICROSOFT PARTNER SCORE

"The continued dedication the support team provides to their customers, acts as a cornerstone to their business model."
- Trevor Cannon, Developer, CDP

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Zap Handwritten Data into Systems!

Page 1 (Start)
- Line
- Location
- Start Time
- hsNext_1

Page 2 (Equipment Information)
- Equipment
- Equipment Status
- StatusComments
- PATStatus
- PATComments
- OverallPassFail
- hsBack_2
- hsNext_2

Page 3 (Photos)
- Photos
- PhotoComments
- hsBack_3
- hsNext_3

Page 4 (End)

Equipment Inspection
Inspection Details - Part 1

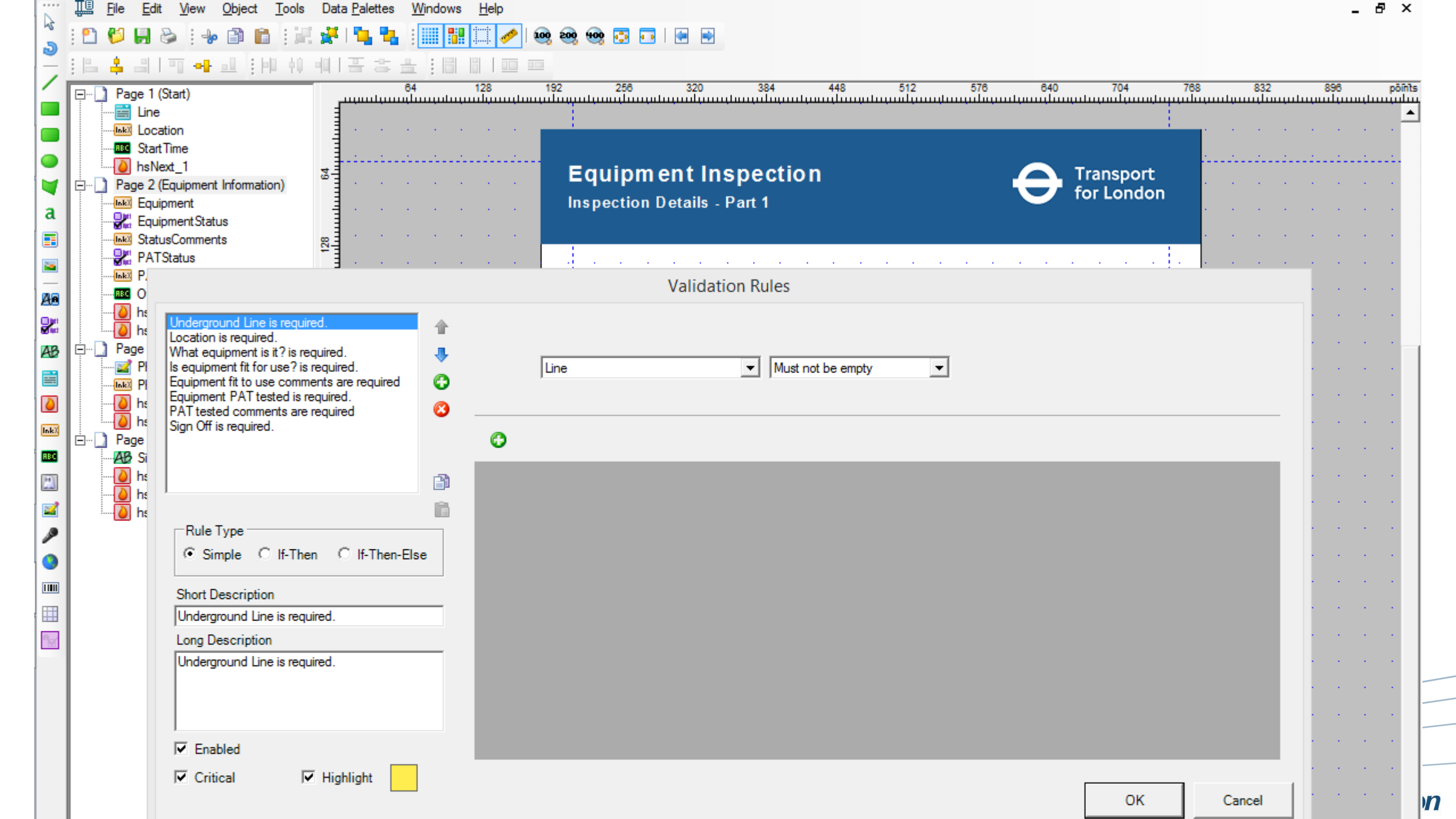What equipment is it?

Is equipment fit for use?
◯ Pass   ◯ Fail

Comments (if fail)

Equipment PAT tested (if applicable)
◯ Pass   ◯ Fail   ◯ N/A

Comments (if fail)

Overall Pass / Fail

File Edit View Object Tools Data Palettes Windows Help

Page 1 (Start)
- Line
- Location
- Start Time
- hsNext_1

Page 2 (Equipment Information)
- Equipment
- EquipmentStatus
- StatusComments
- PATStatus
- P.
- O
- hs
- hs

Page
- Pl
- Pl
- hs
- hs

Page
- Si
- hs
- hs
- hs

Equipment Inspection
Inspection Details - Part 1

Transport
for London

Validation Rules

Underground Line is required.
Location is required.
What equipment is it? is required.
Is equipment fit for use? is required.
Equipment fit to use comments are required
Equipment PAT tested is required.
PAT tested comments are required
Sign Off is required.

Line ▾   Must not be empty ▾

Rule Type
- ● Simple   ○ If-Then   ○ If-Then-Else

Short Description
Underground Line is required.

Long Description
Underground Line is required.

☑ Enabled
☑ Critical   ☑ Highlight

OK   Cancel

Page 1 (Hydrant Inspections)
- TestedBy
- TestDate
- TimeOfDay
- TimeAMorPM
- WaterSuppliedBy
- PurposeOfTest
- TimeFlowMin
- hsJobInfo
- hsHydrantInfo
- hsPrintPDF
- hsPrintExcel

Page 2 (Hydrant Grid)

Sierra Creek

FIRE HYDRANT INSPECTION

Tested By:

Test Date: ☐☐ / ☐☐ / ☐☐☐☐   Time of Day: ☐☐ : ☐☐ ☐

Water Supplied By:

Purpose of Test:

Total Time Flow (min): ☐☐☐☐

| Inspection Overview | Hydrant Information | Print to PDF | Print to Excel |

localhost/MISM/Home/Index

MI-CO   Home ▾   Reports   Upload data   Admin ▾   Help ▾   First Last ▾
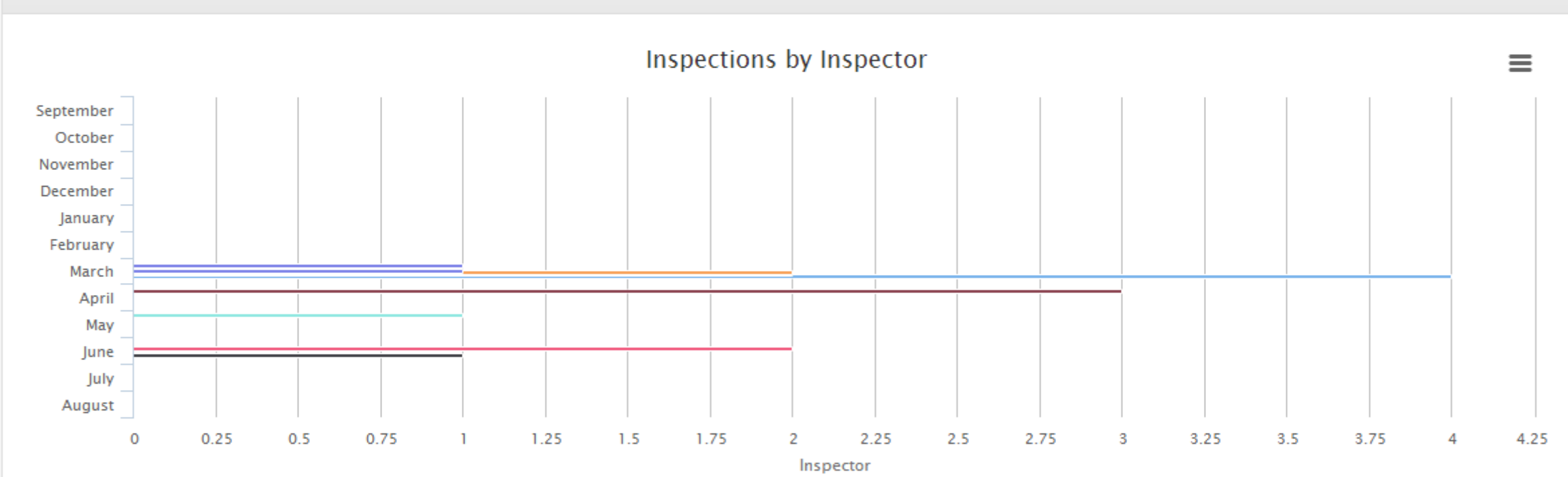
Mobile Inspection Software
by Mi-Corporation

Inspection Reports

Inspections by Inspector

Inspections over time [Last 12 months ▾] Inspector Name [ALL ▾]

Inspections by Inspector

MI-CO   Home ▾   Reports   Upload data   Admin ▾   Help ▾   First Last ▾

Inspector

■ ANTON GOODWYN   ■ Bob Chris   ■ CHARLES MAGOLDA   ■ DEBBIE BROWN   ■ FRANK FILIPY   ■ gpandiyan   ■ MICHAEL ELLIOTT
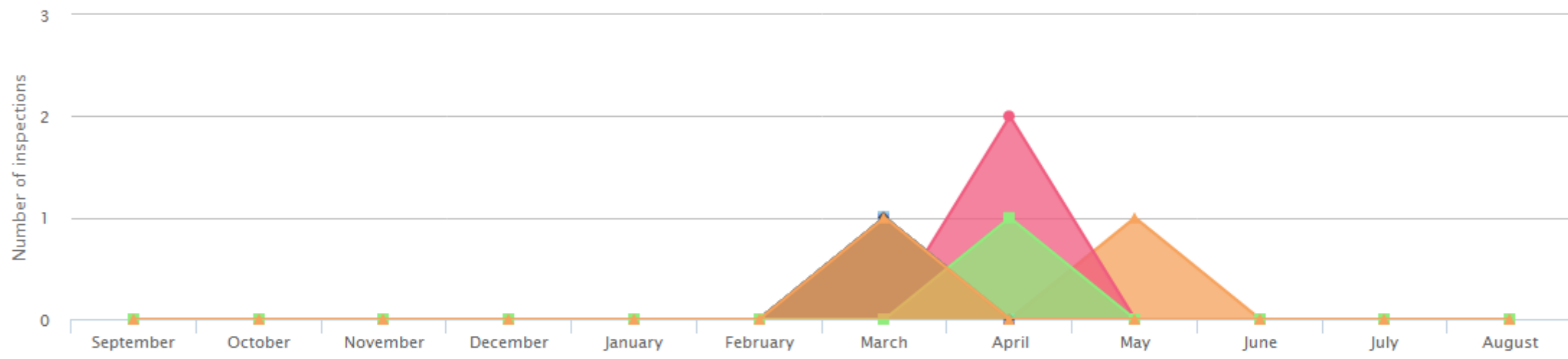■ RICHARD JONES   ■ ROBERT CHRISTIAN   ■ THOMAS BURKE

Highcharts.com

Inspections by Facility

Inspections over time [Last 12 months ▾]   Location Name [ALL ▾]   Inspector Name [ALL ▾]

Inspections by Facility

■ CAPE CONSTRUCTION COMPANY INC   ■ DODSON BROS EXTERMINATING COMPANY INC   ■ GQ LAWNS LLC   ■ HIGHLAND NURSERY
■ KELLER LAWN SERVICE   ■ NATURCHEM INC   ■ NEIL S JONES FARM   ■ ORKIN EXTERMINATING CO INC-BR 440   ■ P C L C COMPANY L P
■ POOR BOYS ENTERPRISES   ■ POPLAR FOREST LANDSCAPING   ■ SCHULTZ LAWNSCAPES   ■ VA DEPARTMENT OF CORRECTIONS   ■ VALLEY TURF INC

Highcharts.com

localhost/MISM/Admin/Map

MI-CO   Home ▾   Reports   Upload data   Admin ▾   Help ▾   First Last ▾

☑ Edit   ⬇ Save   ⊘ Cancel

Form name :	MASTER FORM	▾	❷

Field Name	❷	Caption	❷	Mapped Field	❷	Create Filter	❷
BUS_LICNO		License Number		Select static field ▾		☐	
FacilityAddress		Facility Address		Select static field ▾		☐	
FacilityCity		Facility City		Select static field ▾		☐	
FacilityCountyCode		Facility County Code		Select static field ▾		☐	
FacilityFilter		FacilityFilter		Select static field ▾		☐	
FacilityName		Facility Name		Location Name ▾		☑	
FacilityNameOther		Facility Name Other		Select static field ▾		☐	
FacilityPhone		Facility Phone		Select static field ▾		☐	
FacilityState		Facility State		Select static field ▾		☐	
FacilityZip		Facility Zip				☐	

Poll 3

Business Process Transformation

100X
AVERAGE DATA IS 100X MORE
ACCURATE THAN BEFORE

PROCESS
TIMES
80%
REDUCTION

MI-CO'S CUSTOMERS HAVE SEEN AN 80% REDUCTION
IN PROCESS TIMES AFTER CONVERSION

(AND SAVINGS OF $8000/MONTH WITH MI-CO PRODUCTS)

END

AVERAGE
PROCESS
CUT FROM
20 STEPS
DOWN TO
5 STEPS

END

Impact: Lakewood Fire Department

- 40 miles south of Seattle, WA
- Parameters in old process:
  - Emergency Responders, completing many paper forms/day….
  - Admin staff transcription, data accuracy/legibility issues
- Implemented a "Short form" in Mi-Forms on Motion Tablet PCs
  - Data pre-fill, offline data storage, short hand buttons
  - Direct sync to FireRMS database
- "Long Form" implementation – Advanced Life Support/EMS Support Forms
- More efficient, productive & cost-effective

- *"More time for response/care work & less need to mess with paper"*

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Impact II: NC Department of Agriculture

- Parameters in old process:
  - 19 field inspectors, completing 5 forms/day….
  - Cost of paper-process: **~ $6,254/month**
- Total investment with Mi-Co in Mi-Forms mobility project (software + services + other)
  - **~$200,090 (over ~6 years)**
- Net Savings to date (after hardware cost, Mi-Co costs, training, travel, other items)
  - **$219,210.70** *(and $72,791/year from here on ea. yr.)*
- 2-4 week process reduced to 1 day, citizens happier too

Mi-Corporation

Demo & Suggested Next Steps

- *Visit www.mi-corporation.com for more information about Mi-Corporation software & services: Data Sheets, Case Studies, White Papers*

- **Downloadable Demo software is available at www.mi-corporation.com**

Look for Mi-Forms apps ON THE APP STORES (Apple, Android)!

Watch our Youtube videos: www.youtube.com/micortp & www.youtube.com/mobileforms

- Contact Mi-Corporation to get started TODAY   -   Gautham Pandiyan
gpandiyan@mi-corporation.com
919-485-4819

Mi-Corporation