Mi-Corporation

Mobile Inspection Software by Mi-Corporation

Mobile Inspection Software by Mi-Corporation (MISM) is designed to integrate with Mi-Corporation's award winning mobile data capture software Mi-Forms—as well as other forms systems—to provide a data repository for data analytics and integration. Featuring the ability to capture data from Windows, iOS, and Android tablets and phones, the pairing of MISM and Mi-Forms enable an organization to quickly automate inspection data capture processes end to end. Featuring customizable dashboards, charts and reports, MISM provides data visualization for the inspection capture process.

MISM features include:

- Automatic creation of back end data repository from inbound data
- Open database schema for easy integration with other systems
- Map data from different inspection types to common fields
- Customizable dashboards allowing administrators to setup custom views of data
- Dashboards suitable for viewing on a desktop or a mobile device
- Easy to configure charting engine that allows customization of displayed data
- Charts may be configured with filters that display options from captured data
- Integration with Mi-Forms mobile data capture solution
- Open XML format for integration with other front end capture solutions
- Integration with SQL Server Reporting Services
- Nine predefined charts that display the most commonly reported schema data
- One sample SQL Server Reporting Services report to use as an example for building custom reports
- Automatic visualization of data as soon as it's submitted to the system
- Built in help documentation provides guidance at every web screen
- Video tutorials help administrators get up and running quickly

Database Repository

While some systems require customizing database tables and procedures on a per form basis, MISM allows users to upload exported form data without having to create a corresponding database entity. Using an open schema, all captured data is recorded in a SQL Server database that is suitable for report generation and integration with other systems.

Customizable Dashboards and Charts

MISM ships with 9 charts on a sample dashboard that visualize some of the most commonly reported inspection elements. However, the dashboard and charting mechanism is customizable allowing for the creation of multiple dashboards and multiple charts within each dashboard. Utilizing simple stored procedure calls into the back end database, organizations can report on common inspection elements (e.g. number of inspections of a given type performed by a given inspector) or specific inspection details. There is no constraint on the data which can be visualized. Each chart may also be configured with filters that get values directly from captured data.

Integration with Mi-Forms and Other Capture Software

MISM can be integrated out of the box with Mi-Corporation's Mi-Forms software such that data captured in the field immediately becomes visible on upload. But MISM has value even outside of the Mi-Forms capture system by utilizing its open XML format. Any capture software that can export or transform its data in an XML document can be brought into MISM and make use of the same charting and reporting functionality.

Standard Platform

Sitting atop Windows Server and Microsoft SQL Server platforms, MISM takes advantage of technologies already in place in most Enterprises. Reports created in SQL Server Reporting Services can be dropped directly into dashboards within MISM without requiring the end user to navigate away from the system. These reports can be customized by anyone familiar with SSRS and the data they produce exported to a variety of formats such as PDF, Microsoft Word, CSV, XML, and Excel files.

Integrated help and tutorials

From startup to usage, every page of the solution has integrated help that aids administrators and users alike with the ability to navigate the software and customize it to their needs. Short video tutorials provide guidance on topics such as setting up new dashboards, updating charts, and configuring reports.