

DataSplice Mobile Computing Solutions: **Equipment and Asset Monitoring**



Entering readings directly into the handheld reduces data transcription errors and speeds up billing tasks.

A major Southern California university needed to streamline key facility management tasks for over 174 buildings over a 419 acre campus. DataSplice was able to offer a simple solution that was implemented and managed remotely.

By using bar coding and mixed mode connectivity, the university is now able to accomplish more campus-wide with the same amount of staff.

DATASPLICE SOLUTION: Mobile Equipment & Asset Module

Our customer, an educational institution, one of the largest universities in the United States, supports over 100,000 people on a daily basis. It was clear that their aging legacy system was becoming increasingly burdened trying to manage regular utility meter readings and inventory control. They needed a mobile data management solution that could pick up where the old system left off—and easily manage core tasks to increase overall efficiency campus-wide. By implementing a batch solution to capture utility meter readings on a mobile unit for later download, they were able to monitor the condition of their equipment quickly and easily. Also implemented was a bar code solution to track inventory material issues to jobs and provide cycle counting receipts. This streamlined several steps in the inventory issue process, making the tracking and management of material costs more efficient. Important readings no longer sat in a pile under utilized. Plus, the excess paper trail was eliminated, along with transcription errors associated with a paper-based system.

One Interface, many options.

Our user interface remains constant across many applications, making access to multiple databases and their information seamless to the end user.

STANDARD FUNCTIONALITY: MOBILE EQUIPMENT AND ASSET MODULE

Equipment Master	Base equipment information is displayed, such as: Location, Description, Serial Number, Vendor, Manufacturer, Classification
Equipment Long Description	Provides user the ability to view Equipment Long Description.
Meter Readings	Provides user the ability to enter Equipment Readings.
Condition Monitoring Rounds	Provides user the ability to view Routes and Route Stops and the record specific Route Stop Measurements.
Condition Monitoring Points	Provides user the ability to scan a bar-coded Measurement Point and record a specific Measurement.
Equipment Specifications	Provides user the ability to view Equipment Specifications (Asset Attribute Values) and Record and/or Edit the values.
Spare Parts	Provides user the ability to view the associated Spare Parts for a piece of Equipment.
Create New Equipment	Provides user the ability to add a piece of Equipment.
Modify Equipment	Provides user the ability to modify a piece of Equipment.
Transfer Equipment	Provides user the ability to transfer a piece of Equipment from one Location to another.

OPTIONAL FUNCTIONALITY: MOBILE EQUIPMENT AND ASSET MODULE

Location Inspections (Equipment)	Provides the ability to quickly and easily record Location inspection data (i.e. Signs, Fence, Security), Equipment inspection data, (i.e. Color, Condition, etc) and Equipment Measurements.
Substation Inspections	Functionality developed specifically for T&D utility operations, enables the user to quickly and easily record all substation inspection data (i.e. Location Specifications and Equipment Measurements.)
Barcode Label Printing	Provides the ability to print barcode labels, on a network label printer or belt printer, directly from a mobile device.



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It's time to go mobile

Management operations are moving to mobile solutions to solve a wide range of problems:

- Lack of access to critical data in the field.
- Complicated applications that are time-consuming for field staff.
- Excessive paperwork inhibits worker productivity.
- Redundant and/or conflicting data entries sacrifice the accuracy of data.
- Critical readings remain unnoticed in a pile of unfinished paperwork.
- Decision support process inhibited by lack of real-time information

Why Choose DataSplice?

DataSplice offers a single, easy-to-use, highly configurable interface across multiple underlying databases and applications. Users see and can only access the information they need, when they need it, in the order in which they need it.

DataSplice technology works together as one cohesive unit. DataSplice does not require multiple servers, or that multiple clients are installed on one mobile device in order to access information. This enables users to access key inventory and work order data, for example, without switching between different applications or learning how to navigate multiple interfaces. In addition, DataSplice can access and collect information from different systems simultaneously, and still present it to users in a single, easy-to-use interface.

Get the most from your software investment

As a tool for successful mobile data capture, the DataSplice Mobile Integration Suite provides a flexible platform for accessing critical information via handheld devices.



With DataSplice, remote workers are able to quickly access critical information. Work orders are retrieved and completed efficiently. Data integrity is preserved from the first key touch to the last. Paperwork, data entry delays and man-hours are significantly reduced.

If you are looking for a way to save money by improving the way you work, then DataSplice can help. All of your remote data tasks can be streamlined through our DataSplice Mobile Integration Suite, and can quickly enhance the way you manage your enterprise data.

IT Manager's Dream

Easily customize the data and fields displayed to the user, the relationships and links between the data, and the business rules performed when information is modified. Users can simultaneously access data from Microsoft SQL Server, Oracle and other platforms with the same tool.

■ Rapid Implementation

The Administration Client enables simple and effective implementation and configuration. Using SQL statements, administrators can configure DataSplice to their organizations workflow without having to rewrite code to make changes or enhancements.

Mobile Inventory Management Module

- Search on several dimensions for inventory records.
- Current balance adjustments.
- Reconcile current balance.
- Issue items.
- Return items to inventory.
- Transfer an item.
- Perform purchase order receiving.
- Issue reserved material.
- Issue, transfer and return rotating spares.
- Issue and return tools.

Mobile Work Order Module

- Change the status of work order.
- View the work order long description
- Create new work orders.
- Create follow-up/child work orders
- Reassign work orders to another individual.
- Display work order tasks
- View equipment/location work history.
- Perform labor reporting.
- Create labor entries for multiple labor codes.
- View and issue material for a work order.
- Track labor planned for an existing work order.
- Display materials planned for an existing work order.
- View safety plan, hazards and precautions.
- View lock out/tag out procedures.

Mobile Equipment and Asset Monitoring

- View equipment long description.
- Enter meter readings and measurements.
- View historical measurement readings.
- View and edit equipment specifications
- View spare part items.
- Add a piece of equipment.
- Modify name plate information
- Transfer a piece of equipment between locations



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