

## DataSplice Mobile Computing Solutions: **Inventory**



*Streamlining Inventory and Parts Tracking helped a major utility realize a \$10 million dollar savings.*

**A leading US power generator needed a way to reduce costs by unifying inventory and sharing parts across plants. They turned to DataSplice for a real-time parts tracking system.**

**The result:  
A \$10 million cost savings over 2 years**

### **DATASPLICE SOLUTION: Inventory Module**

A major utility responsible for managing over 86 power plants within the US, and was contending with very high overhead costs associated with large asset equipment on hand in several plants. They needed a way to streamline and share inventory across plants in order to reduce excessive overhead in real time.

They implemented an inventory solution configured by DataSplice to accommodate their current inventory tracking process and automate key steps with a mobile handheld unit. The utility was able to:

- Lower equipment costs by introducing a parts sharing program fleet wide that resulted in a savings of \$100,000 per plant
- Shrink inventory costs company wide utilizing real time inventory control and reduced inventory costs per plant by \$50,000
- Increase productivity by eliminating many time-consuming manual processes and tasks and streamlining them for the handheld at a cost savings of \$23,000 annual savings per site
- A company-wide cost savings of \$10 million as new plants were added

#### STANDARD FUNCTIONALITY: MOBILE INVENTORY MANAGEMENT MODULE

<b>Physical/Cycle Counts</b>	Provides user the ability to perform a physical/cycle count.
<b>Physical/Cycle Count Reconciliation</b>	Ability to perform a physical/cycle count reconciliation.
<b>Issue of Materials</b>	Provides the user the ability to issue materials to work order, location, GL account or equipment number.
<b>Issue of Reserved Materials</b>	Provides the ability to view the materials reserved/planned for a work order and issue the materials from a "pick list".
<b>Returns</b>	Provides the user the ability to return parts issued to a: work order, location, GL account or equipment number.
<b>Purchase Order Receipts</b>	Ability to receive items from purchase order.
<b>Inventory Search</b>	Provides the user the ability to search for parts by such fields as: item number, description, model number, vendor, etc.
<b>Spare Parts</b>	Ability to view spare parts for a piece of equipment.
<b>Transfers</b>	Provides the user the ability to transfer materials from bin to bin and/or from storeroom to storeroom.
<b>Tool Tracking</b>	Ability to transfer tools from a storeroom to a person.

#### STANDARD FUNCTIONALITY: MOBILE EQUIPMENT AND ASSET MODULE

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



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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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