

DataSplice Mobile Computing Solutions: Inventory and Work Orders



When upgrading your system, you can't afford to slow down. DataSplice quickly integrates into your CMMS, such as IBM Maximo

17 different plants plus one aging legacy system equaled an expensive operation for a Fortune 100 food producer.

With an extensive catalog of items to manage, they needed a handheld solution that would streamline inventory processes, eliminate physical cycle counts and track materials for various work orders, and it had to be accessible anywhere in the plant.

DATASPLICE SOLUTION: Mobile Inventory and Work Order Solution

A major food manufacturer was looking to streamline key facility management tasks among their 17 plants nationwide, they chose to work with DataSplice. We were able to provide a simple and flexible solution the manufacturer could configure on their own to accommodate changes in workflow. In addition several steps in the inventory process were streamlined.

DataSplice developed a scalable inventory and work order solution that easily fell "in sync" with their current workflow. The client was able to get a handle on inventory management using an automated bar code printing feature that drastically reduced the amount of time and staff involved in manually tracking inventory. Individual items are now scanned and labeled quickly, and key data is uploaded to the CMMS automatically-with no retyping of data. The solution can also be altered by the client to accommodate future changes in workflow.

In addition, all critical materials for work orders are now tracked directly through the handheld to the CMMS which is uploaded to the system via an ethernet docking station. This provides an additional level of accountability reduces the cost required to replace tools and materials and eliminates an extensive paper trail.

DataSplice helps clients with more than basic data management for manufacturing maintenance—we provide solutions to optimize current workflow and enable your facility to operate at consistent peak efficiency. We tailor a unique mobile solution based on specific requirements to support the way you already work—and you start saving time, labor hours and money upon implementation.

STANDARD FUNCTIONALITY: MOBILE WORK ORDER MODULE

Work Order Tracking	A user's work order list based on user log-in and basis of work assignment field. Typical base WO information is included, such as: Work order number, description, location, status, etc.
Operation Steps / Tasks	The operation steps or tasks associated with a work order. Measurement points and condition are included.
Planned Labor	Displays planned labor for a work order.
Planned Materials	Displays planned materials for a work order.
Actual Labor	Allows user to input labor records for self or other laborcode
Actual Materials	Allows user to issue the materials for a work order.
Failure Reporting	Ability for user to record the problem code, cause code, remedy code and failure remark for a Work Order.
Work Order History	Provides user the ability to view previous work orders for selected EQNUM.
Safety Plans	Provides user the ability to view the hazards and precautions.
Lock Out/Tag-Out	Allows user to view lock out/tag out sequence and tag locks.
New Work Order	Allows user to enter new work orders/work requests.
New Follow-up Work Order	Allows user to enter new follow-up work order.

STANDARD FUNCTIONALITY: MOBILE INVENTORY MANAGEMENT MODULE

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



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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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