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## **A Recent SAP Work Manager Implementation Functional Overview**

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**Eastern Location (HQ)**

3400 Highway 35, Ste 9  
Hazlet, NJ 07730

**Southwest Location**

5629 Cypress Creek Pkwy  
Ste # 217, Houston, TX 77069

**Western Location**

12100 Wilshire Boulevard, 8<sup>th</sup> Floor  
Los Angeles, CA 90025

**Asian Head Quarter**

C-102, 2nd Floor, Sec-65,  
NOIDA, UP 201301, INDIA

# SAP Mobile Work Manager Solution

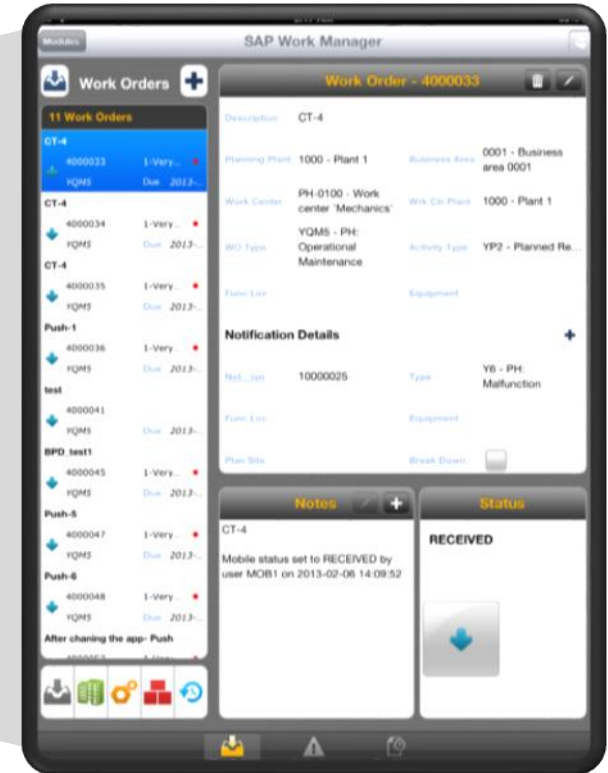
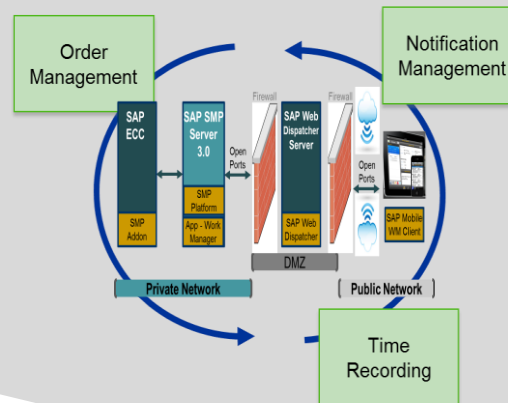
## Work Order Management - Tomorrow

## Work Order Management - Today



### Work Order Mgmt

- Inconsistent
- Manual Entry
- Non real Time
- Administratively cumbersome
- Travel to central location required
- No valuable info available to field crew



- Consistent & Automated work orders Mgmt
- User friendly interface to be used in the field
- Real-time or offline processing
- Fully integrated with SAP PM
- Valuable info available to field crew
- Improved response times
- Paperless work orders

- Increase productivity and efficiency
- Eliminate duplication of data recording efforts and non-value added travel time to bring paper forms into the office
- Increases Accountability and controls
- Improve customer service and sustain growth
- Sustain and support business growth effectively

# Purpose of the Project

To enable a consistent work order throughout Client and to empower field workforce with an efficient, automated, user friendly maintenance work order solution deployed on a mobile device

## **AUTOMATING WORK ORDER PROCESS** by utilizing mobile devices in the field

- Create a user friendly interface to be used in the field
- Enable real-time, validated data capture even when a network connection is not available
- Field crew can create, change, complete work orders in the field, fully integrated with SAP PM
- Allow the Client's field crew to make knowledge-based decisions on the spot
- Improve response times and reduce downtime in the field
- Paperless work orders - eliminate duplication of efforts resulting in decreased admin costs

## **INCREASE PRODUCTIVITY AND EFFICIENCY**

- Enhance capabilities & increase efficiencies for Field Crew
- Eliminate administrative time in processing manual paper order entries that come in from field workers
- Eliminate non-value added travel time to bring paper forms into the office

## **INCREASE ACCOUNTABILITY AND CONTROLS**

- Ensure data flows into SAP modules for up-to-date reporting, optimized scheduling and precise planning.
- Improve performance data and transparency

## **IMPROVE CUSTOMER SERVICE AND SUSTAIN GROWTH**


- Provide better customer service for citizens
- Sustain and support business growth effectively


# Functionalities on Mobile Device


- Create work order - View and Create Work Orders, Operations, Measurement Docs, Material Confirmations and Order Status
- Create Notifications, Tasks, Items and Activities
- Access to asset location, repair history, work order details and materials needed in real time
- Upload and Download Attachments to Work Orders, Notifications, Equipment's and Functional Locations
- View equipment, functional locations, characteristics, measurement readings.
- Add/remove operations from the task lists
- Assign crew members & confirm labor hours
- Reserve & issue materials
- Assign equipment with unit numbers
- Change work order/operation status
- Transfer work orders
- Technically Complete work order & operation
- Edit data before transmit to SAP
- Basic Google map functionality


The screenshot displays the SAP Work Manager mobile application interface. At the top, there is a navigation bar with icons for 'SAP Work Manager', 'WORK ORDERS', 'NOTIFICATIONS', and 'MAP'. Below this, a 'Work Orders' section shows a list of 33 total items. The first item is '7858 AN' with a status of 'ROUT' and a due date of '3/22/2007'. Below this, a list of work order details is shown, including '0350 mi-3994 no brake lights', '70001145 p20 mack mi-151388 wing brace', '70001274 sterling p20 mi-70286 no power', '70003263 int midrange p20 mi-177668 star', and '70002166 old3984 p14 mi-63822 tilt plow'. Each item has a status of 'ROUT' and a due date. On the right side, the details for 'Work Order 1500005690 - Received' are shown, including a table with columns for 'HeaderData', 'Notification', 'Operations', 'Components', 'Objects', and 'Attachments'. The 'Objects' tab is selected, showing a table with columns for 'Material', 'Serial', 'Equipment', and 'Object'. The table contains one row with values: 'Material: 1500005690', 'Serial: 0000000000', 'Equipment: 70000245', and 'Object: 0000000000'. Below the table, there is a 'Work Order Notes' section with a text area containing the following text: '7858 AN 03/23/2007 13:12:24 CLAY ADAMS (ADAMSC) m(118064) Mobile status set to RECEIVED by user TOMARA on 2016-03-10 12:00:43'. At the bottom, there is a navigation bar with icons for 'Back', 'Home', 'List', 'Details', and 'Confirm'.


# Functionalities on Mobile Device - Header Data

 SAP Work Manager

 WORK ORDERS

 NOTIFICATIONS



 MAP




Work Orders

+


33 Total


Meeting about the saferack system

 1500101916  
ROUT Due 11/19/2009


3301 mi-54784p25 int combo trans leak

 1500102154  
ROUT Due 11/19/2009


9303 p14 plow rebuild mi 63822

 1500102403  
ROUT Due 11/20/2009


70000344 mi-5106 p17 spinner motor leaks

 1500102723  
ROUT Due 11/23/2009

70000198 wing brace p24

 1500103028  
ROUT Due 11/25/2009

70000632 trans wont shift mi-262431

 1500103607  
ROUT Due 12/4/2009

70000530 mi-169980 hvd overheat

Work Order 1500101916 - Received

HeaderData	Notification	Operations	Components	Objects	Attachments
Planner Group	01J		Planning Plant		
Work Center	R4S01FMB - Section 1 Field Mechanic B		Wrk Ctr Plant	4001 - Region 4 plant in Greeley	
Type			Activity Type	103 - Training/Meetings	
<a href="#">FuncLoc</a>	CO-FCMC021-MG01 - Greeley East Maintenance Garage		Equipment		
<a href="#">History</a>					
Basic Start	11/18/2009		Basic Finish	11/19/2009	
Notification	50414366				
Malf. Start			Malf. End		
BreakDown	<input type="checkbox"/>		Breakdown Duration		

Work Order Notes



Meeting about the saferack system

Mobile status set to RECEIVED by user TOMARA on 2016-03-08 11:28:28

# Functionalities on Mobile Device - Operations

The screenshot displays the SAP Work Manager mobile application interface. At the top, there is a navigation bar with icons for 'SAP Work Manager', 'WORK ORDERS', 'NOTIFICATIONS', and 'MAP'. Below this, a sidebar on the left lists several work orders, each with a status icon (a downward arrow) and a 'ROUT' label. The main area on the right shows the details for 'Work Order 1500101916 - Received'. This area has tabs for 'HeaderData', 'Notification', 'Operations', 'Components', and 'Object'. The 'Operations' tab is currently selected, showing a list of operations with columns for 'meeting', 'Start', 'Finish', and 'R4S01FMB'. A context menu is open over the 'Operations' tab, showing options: 'Add Operations', 'Add Components', and 'Discard Work Order'. Below the operations list, there is a 'Work Order Notes' section with a text area containing the notes: 'Meeting about the saferack system' and 'Mobile status set to RECEIVED by user TOMARA on 2016-03-08 11:28:28'.

SAP Work Manager

WORK ORDERS

NOTIFICATIONS

MAP

Work Orders

33 Total

Meeting about the saferack system

1500101916

ROUT Due 11/19/2009

3301 mi-54784p25 int combo trans leak

1500102154

ROUT Due 11/19/2009

9303 p14 plow rebuild mi 63822

1500102403

ROUT Due 11/20/2009

70000344 mi-5106 p17 spinner motor leaks

1500102723

ROUT Due 11/23/2009

70000198 wing brace p24

1500103028

ROUT Due 11/25/2009

70000633 trace west shift mi-262421

Work Order 1500101916 - Received

HeaderData Notification Operations Components Object

2 Total

meeting

0010

Start 11/19/2009 2:00 AM

Finish 11/19/2009 2:00 AM

R4S01FMB

safety meeting/holiday dinner

0020

Start 11/17/2009 6:00 PM

Finish 11/18/2009 6:00 PM

R4S01FMB

Work Order Notes

Meeting about the saferack system


Mobile status set to RECEIVED by user TOMARA on 2016-03-08 11:28:28

Add Operations

Add Components

Discard Work Order

# Functionalities on Mobile Device - Component Details

 Add Component

<

>

Finish

Cancel

<div>1500101916 Component Details</div> <div>LOCAL_6666066</div> <div>Operation</div> <div>-- Please Select</div> <div>Plant</div> <div>-- Please Select</div> <div>Storage Loc</div> <div></div> <div>Batch</div> <div></div> <div>Unloading Point</div> <div></div> <div>Material Group</div> <div></div> <div>Requisitioner</div> <div></div>	<div>Item</div> <div>ID</div> <div>-- Please Select</div> <div>Desc</div> <div></div> <div>Type</div> <div></div> <div>Quantity</div> <div>0</div> <div>UOM</div> <div>-- Please Select</div> <div>Recipient</div> <div></div> <div>Price</div> <div>Unit</div> <div></div> <div>Purch Group</div> <div></div> <div>G/L Account</div> <div></div>
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# Functionalities on Mobile Device - Costing and Additional Data

The screenshot displays the SAP Work Manager mobile application interface. At the top, there is a navigation bar with icons for SAP Work Manager, WORK ORDERS, NOTIFICATIONS, and MAP. Below this, a list of work orders is shown on the left, and a detailed view of a selected work order is shown on the right.

**Work Orders List (Left Panel):**

- 33 Total
- Meeting about the saferack system  
1500101916  
ROUT Due 11/19/2009
- 3301 mi-54784p25 int combo trans leak  
1500102154  
ROUT Due 11/19/2009
- 9303 p14 plow rebuild mi 63822  
1500102403  
ROUT Due 11/20/2009
- 70000344 mi-5106 p17 spinner motor leaks  
1500102723  
ROUT Due 11/23/2009
- 70000198 wing brace p24  
1500103028  
ROUT Due 11/25/2009
- 70000632 trans wont shift mi-262431

**Work Order 1500101916 - Received (Right Panel):**

HeaderData Notification Operations Components **Object** Add Cost/Object/Add...

1 Objects

Material	Serial	Equipment
Object OR001500101916	Notification 50414366	FLOC CO-FCMC021-MG01

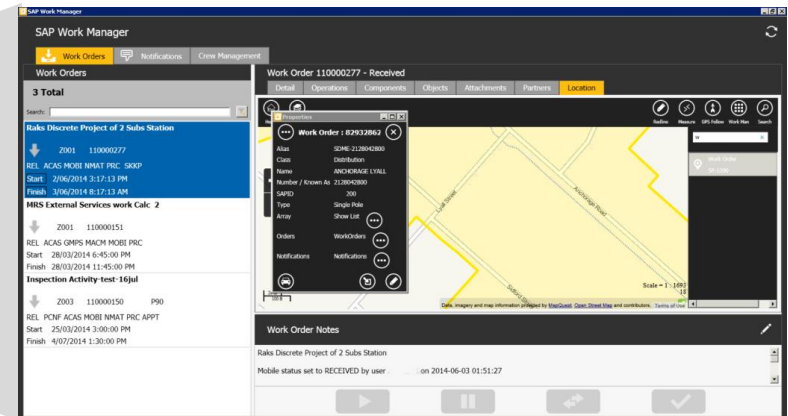
**Work Order Notes**

Meeting about the saferack system

Mobile status set to RECEIVED by user TOMARA on 2016-03-08 11:28:28



Tight integration of GIS application with SAP Mobile Work Manager



Linear Asset Integration with Work Manager Mobile Application

