PROFICIENTLY DRIVE YOUR [PM OPERATIONS]

Liquid UI Efficient PM for SAP® ERP

www.Liquid-UI.com

LIQUID®

Overview

Liquid UI Efficient Plant Maintenance (PM) provides Enterprise-Specific functionality, enabling easy SAP ERP customization across PM operations to increase your business productivity. It helps your company to maximize line efficiency and equipment utilization while reducing downtime and waste. It allows you to collaborate across plants, integrate your ERP with external applications and scale your software to meet your evolving business needs. You can also extend your system on your desktop or mobile devices with a single version of the application - something that no other software solution can offer.

Liquid UI covers end-to-end PM processes with expertise across ten industries with localized implementation.

Business Challenges

- Complex processes with limited visibility to global operations.
- Unplanned downtime.
- Improper equipment or asset utilization.
- Poor data integrity and high training time.
- Slow identification and respond to potential operations and maintenance issues.
- Lack of real-time access to multiple plants.
- Complexity in expanding PM to mobile devices.
- Unable to rapidly optimize and streamline supply chain processes.
- Lack of better insight into day-to-day PM operations.

Find Out More

Learn more at liquid-ui.com/pm or call us +1-650-341-3310

Business Features

- **Efficient Plant Maintenance** - Gain performance by improving the productivity of your users and usability of your PM transactions. Get all relevant information related to the maintenance activities at one place.
- **Better asset utilization** - Drive into detail including process visibility, equipment usage and supply chain operation to recognize and respond to potential issues more rapidly.
- **Improve operations planning** - Get well-defined and clearly understandable workflow for each level of employee to proficiency deal with day-to-day operations.

Business Benefits

- **Higher profits** with better responsiveness through aggregated transactions.
- **Advanced productive** UI by combining multiple screens, tabs, and transactions.
- **Greater process consistency** across different plants with better visibility to global operations.
- **Lower costs** through streamlined, customized and simplified processes.
- **Increased process versatility** to react to changing plant requirements.
- **Reduced unplanned downtime** due to data errors by adding fields validation or hiding unused fields.
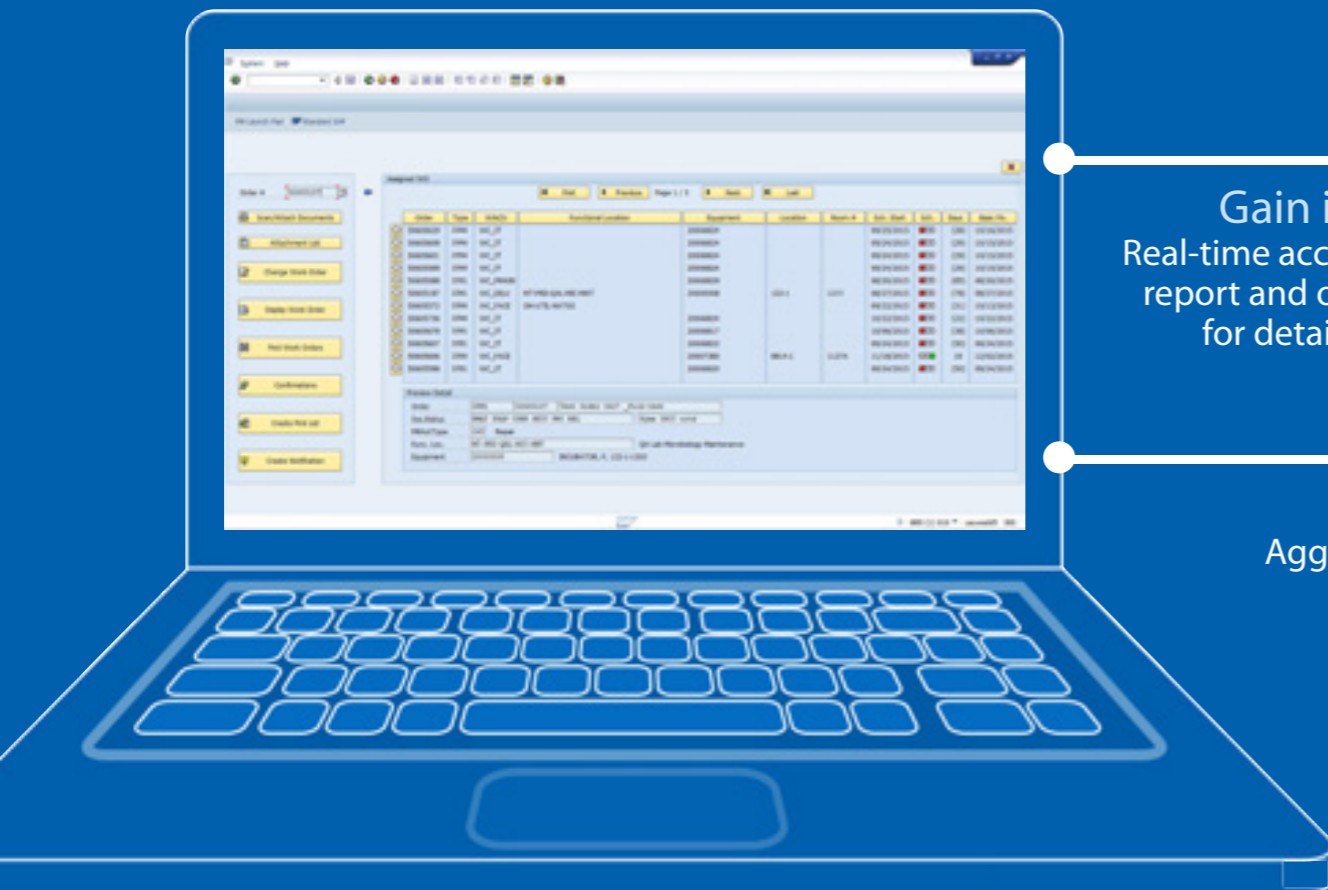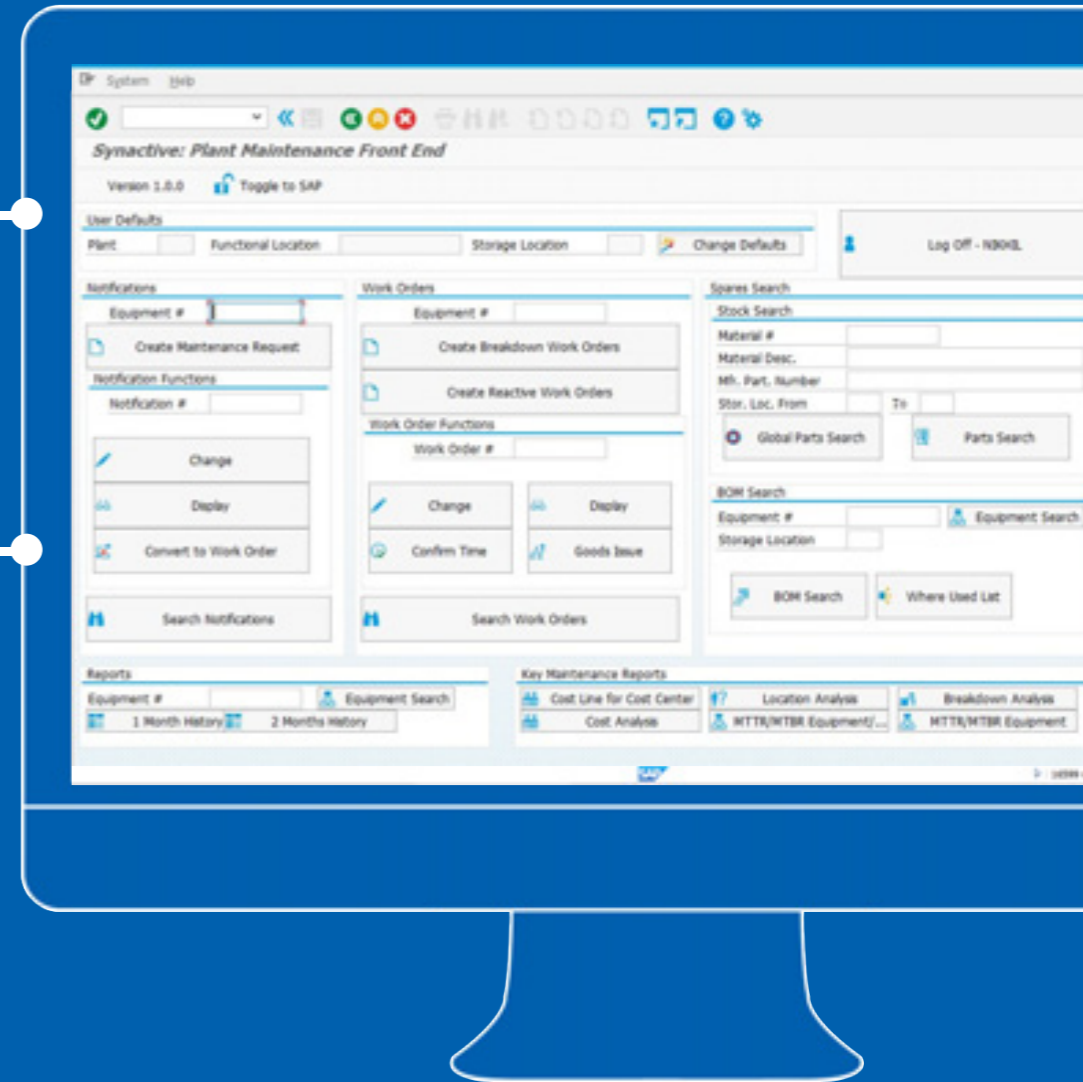
Fully Customizable Dashboard Views [PM]

Productive UI
Customizable and intuitive UI for enhance productivity.

Global visibility
Role tailored dashboard for better visibility.

Gain insights
Real-time access to the report and other data for detail insights.

Better responsiveness
Aggregate and simplify transactions for better responsiveness.

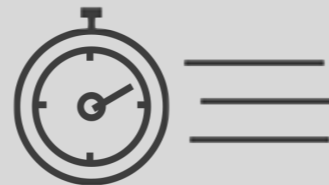# WHAT IS LIQUID UI EFFICIENT PM FOR SAP ERP?

With the ever-changing economic conditions, companies are looking for ways to increase productivity, decrease expenditure while keep operating costs under control. Today, just managing plant operations is not enough to earn a higher profit. Success starts with selecting right ERP solution, but this it is only part of the journey. How do you unlock the real potential of your business?

With Liquid UI Efficient PM for SAP ERP, you can meet these challenges and more. From creating a notification, editing work order to the end towards managing time entry, we provide complete PM optimization. We improve upon performance, usability, and productivity by optimizing your PM transactions. For instance, create work order time reduced from 8 minutes to 4 minutes, the error rate reduced by 50% and training time reduced from 2 hours to 30 minutes.

With such optimizations through Liquid UI, you can have a productive interface, reduce unplanned downtime, increase process versatility, lower costs and gain efficiency and more.

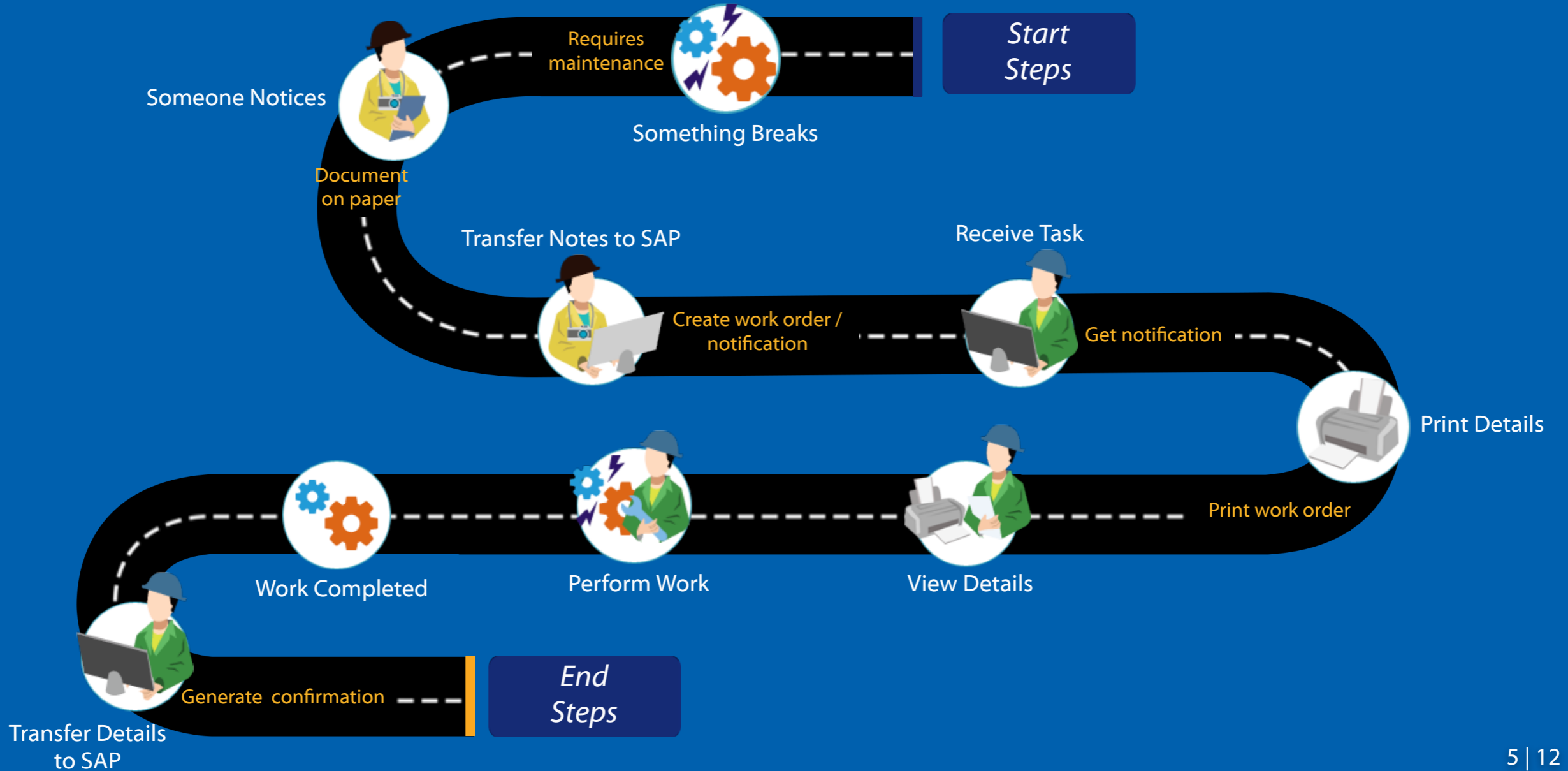| SIMPLE MANAGEMENT. UNLIMITED POTENTIAL. | SIMPLE, SMART LOGIC AND WORKFLOWS. | SLICE, DICE AND STREAMLINE YOUR UI. |

SAP + **LIQUID**® = **Simplified and Streamlined Plant Maintenance**

Gain Real-Time Insights into PM Processes - *Before Liquid UI*

Something breaks/ Requires maintenance

Someone notices
- Document details on paper.
- Captures images using digital camera.
- Walk to the terminal.

Transfer info in SAP
- Log in to SAP from desktop.
- Locate t-code and transfer paper notes to SAP.
- Upload images from camera to SAP.
- Create work order / notification.

Receive Task
- Log into SAP system.
- Open the work order.

View Details
- Print the work order details.
- Walk to the repair site.

Perform Task
- Reference order printout for details.
- Perform the repair/ maintenance.

Generate confirmation
- Log into SAP system.
- Transfer work order details to SAP.
- Upload image of completed task to SAP.
- Create confirmation.

Requires maintenance

Start Steps

Someone Notices

Document on paper

Something Breaks

Transfer Notes to SAP

Receive Task

Create work order / notification

Get notification

Print Details

Work Completed

Perform Work

View Details

Print work order

Generate confirmation

End Steps

Transfer Details to SAP

Gain Real-Time Insights into PM Processes - *After Liquid UI*

Something breaks/ Requires maintenance

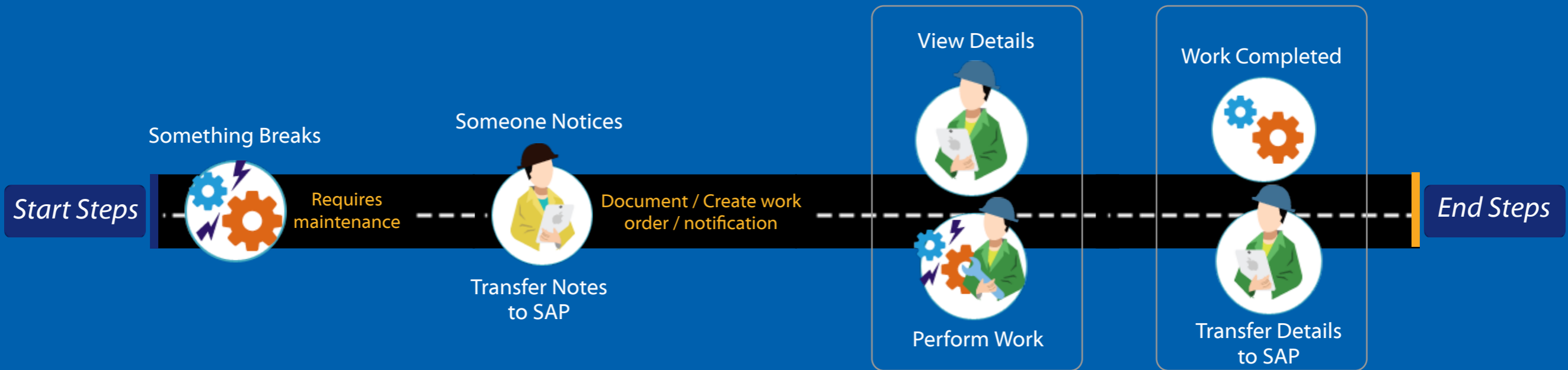**Someone notices + Transfer data in SAP**

- Log into SAP on iPad.
- Use pushbutton to open the transaction.
- Enter work order detail.
- Click and attach images directly from iPad into SAP.
- Create work order/notification using iPad.

Receive Task + View Details + Perform Task

- Log into SAP on iPad, presented with personalized dashboard.
- Dashboard displays work order status at a glance.
- iPad gives portable access to relevant work order details.
- Users get real-time work order updates.

Generate Confirmation

- After completing the task, log into SAP system on iPad.
- Attach image of completed task directly from iPad to SAP.
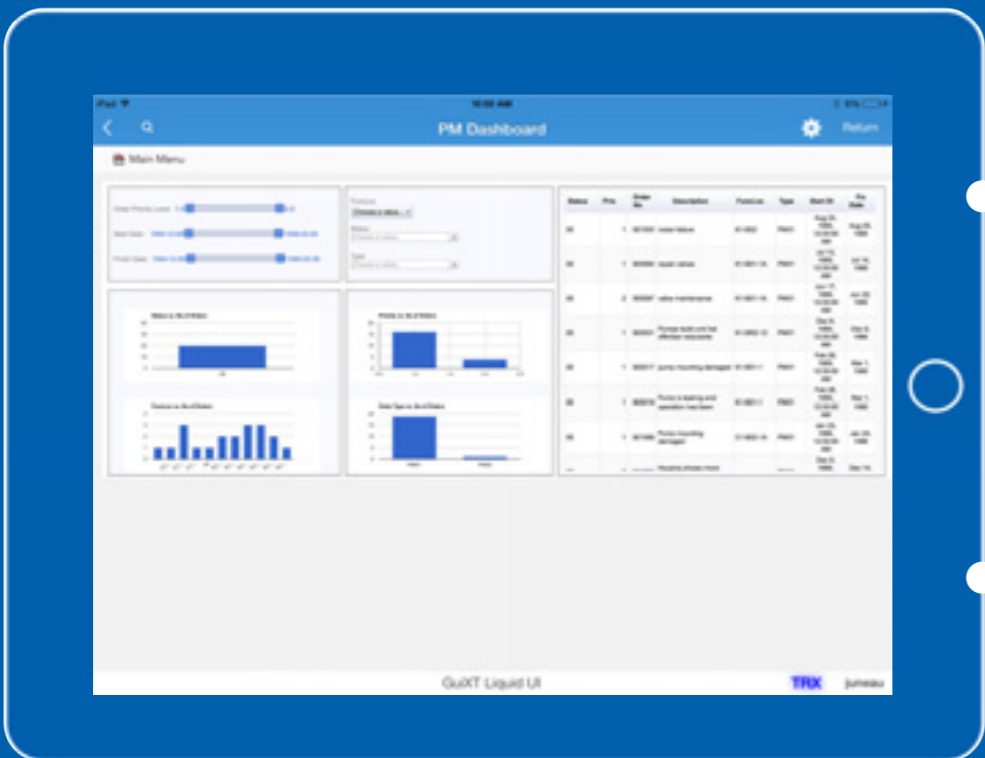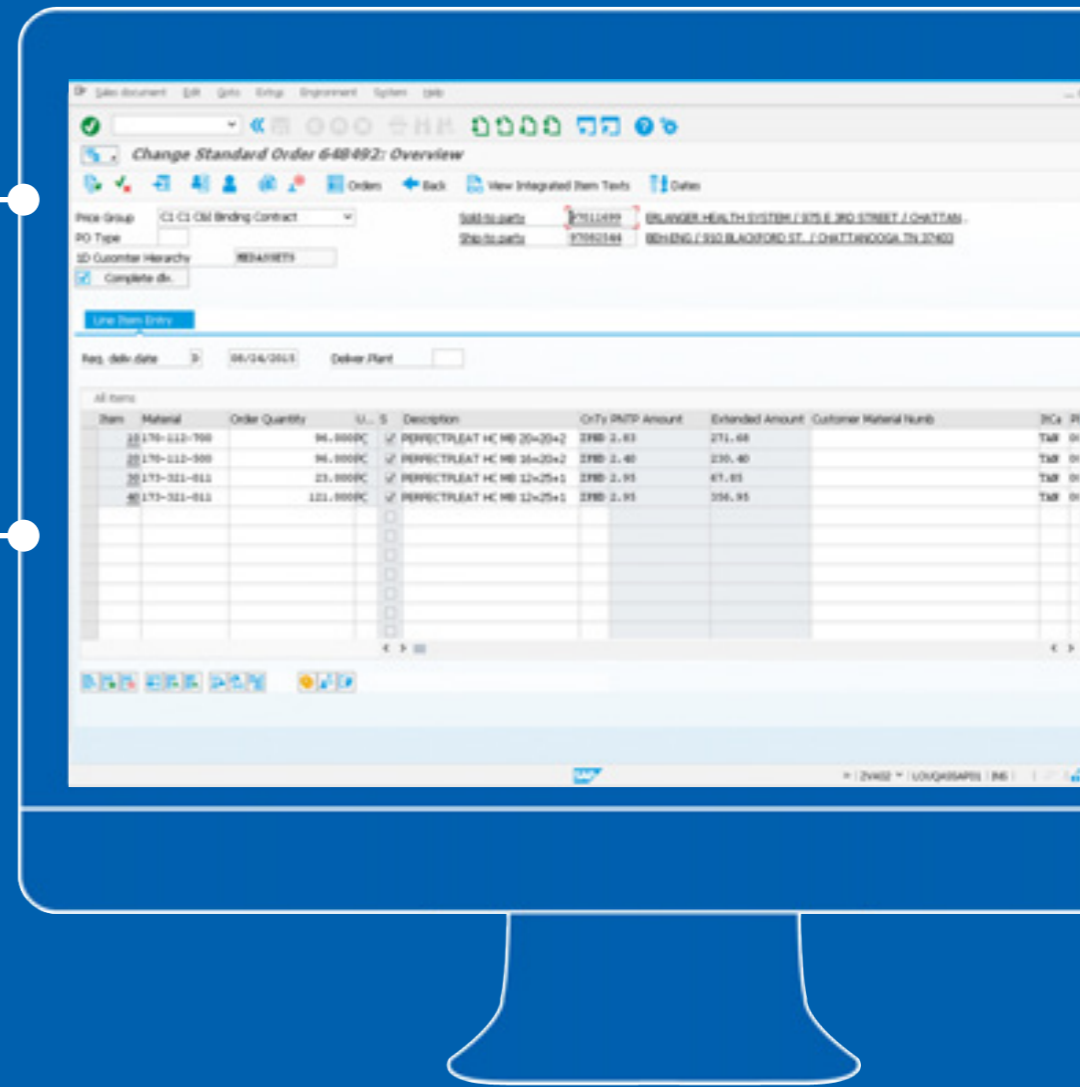- Create confirmation.
- Proceed to the next work order.

Something Breaks

Someone Notices

View Details

Work Completed

Start Steps

Requires maintenance

Document / Create work order / notification

Perform Work

End Steps

Transfer Notes to SAP

Transfer Details to SAP

Fully Extendable Solution to SAPGUI / iOS / Android [PM]

Better Data Integrity
Reduce data errors by adding fields validation for better integrity.

Improve planning
Well defined workflow for day-to-day operations for better planning.

Native Connectivity
Direct access to SAP data from anywhere in the plant.

Expand PM
Extend ERP to desktop or mobile with single set of scripts.

BRING IT ALL TOGETHER WITH AN INTEGRATED PM ENTERPRISE SOFTWARE

Today in most organizations, decision makers are unable to see the full picture without requesting and reconciling different management reports. These reports often can take hours and sometimes need manual compilation and, usually, contain outdated information because of the delay. However, wouldn't it be great if users have all relevant information in one view? What if, the plant manager can get an instant report of plant equipment's and its performances? How about, if technicians have real-time access to all work orders, notifications, and other related tasks on the go?

Liquid UI Efficient PM allows your organization to mobilize your plant maintenance personnel anywhere in the facility. By putting the knowledge of day-to-day operations into a mobile device, the enterprise-level employee can interact with the plant systems and improve the efficiency of the manufacturing processes. Also, it enhances your PM floor team with real-time updates for better decision-making.

Liquid UI Efficient PM provides dashboards for a wide range of users as per their roles and responsibility such as manager, supervisor, floor workers and more. The role-based dashboards help users to gain a clearer understanding of their functions and better operational visibility. Employees can quickly make well-informed decisions and perform ad-hoc analysis and reporting as needed on operational data. Because every employee day-to-day work decision can affect the overall business, not providing a clear understanding of their task can increase maintenance costs and reduce profits.

Profit from flexible, easy to develop, and easy to deploy architecture

DETAILS

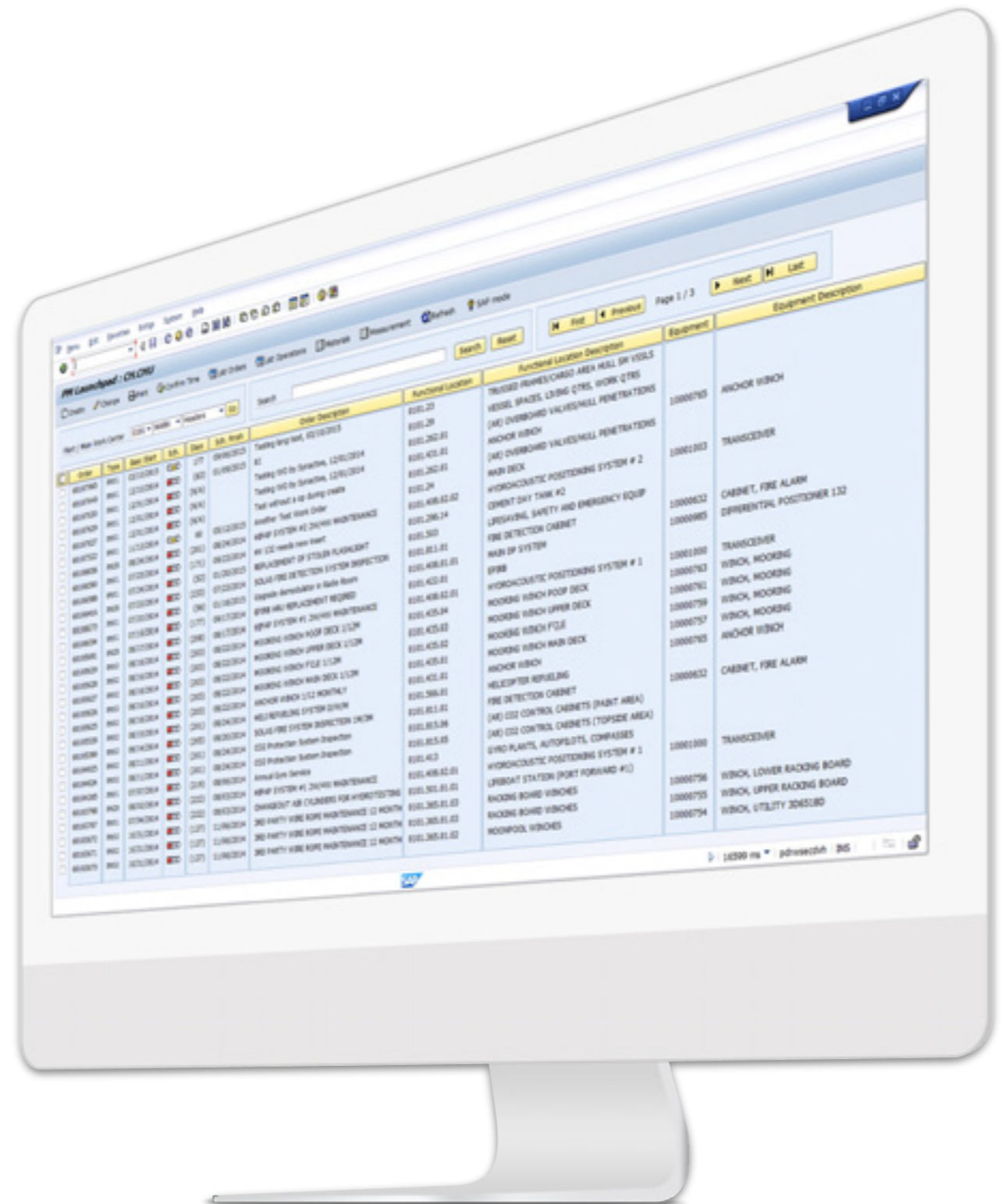*Role-specific dashboards.*

Floor users

Plant employees can use role-based dashboards to view the aggregated operational levels information, needed to do their jobs. The role-based dashboards allow users to view and access all work orders, notifications, and other related tasks quickly on a single screen. These dashboards help your team to gain greater control over plant maintenance tasks. The user not only can add operational data and dive into component detail, but they also can add and read existing customer notes all on the same screen. Additionally, team members have flexibility to manage their work plan and daily tasks anywhere - from the shop floor to the production departments.

Supervisor

With a role-based dashboard, a supervisor can simply look at the real-time schedule, and allocate the work to the technicians. Technicians are notified in real-time and can respond more quickly to critical maintenance tasks. This not only improves maintenance capabilities but also reduces downtime.

Plant Engineers

The role-based dashboard allows plant engineers real-time insight into moment-by-moment fluctuations of asset performance. The dashboard displays the key performance indicators for tracking purpose, and accordingly, engineers can configure the machinery. It allows engineers to analyze the work progress of the workers and refine maintenance programs for optimal performance.
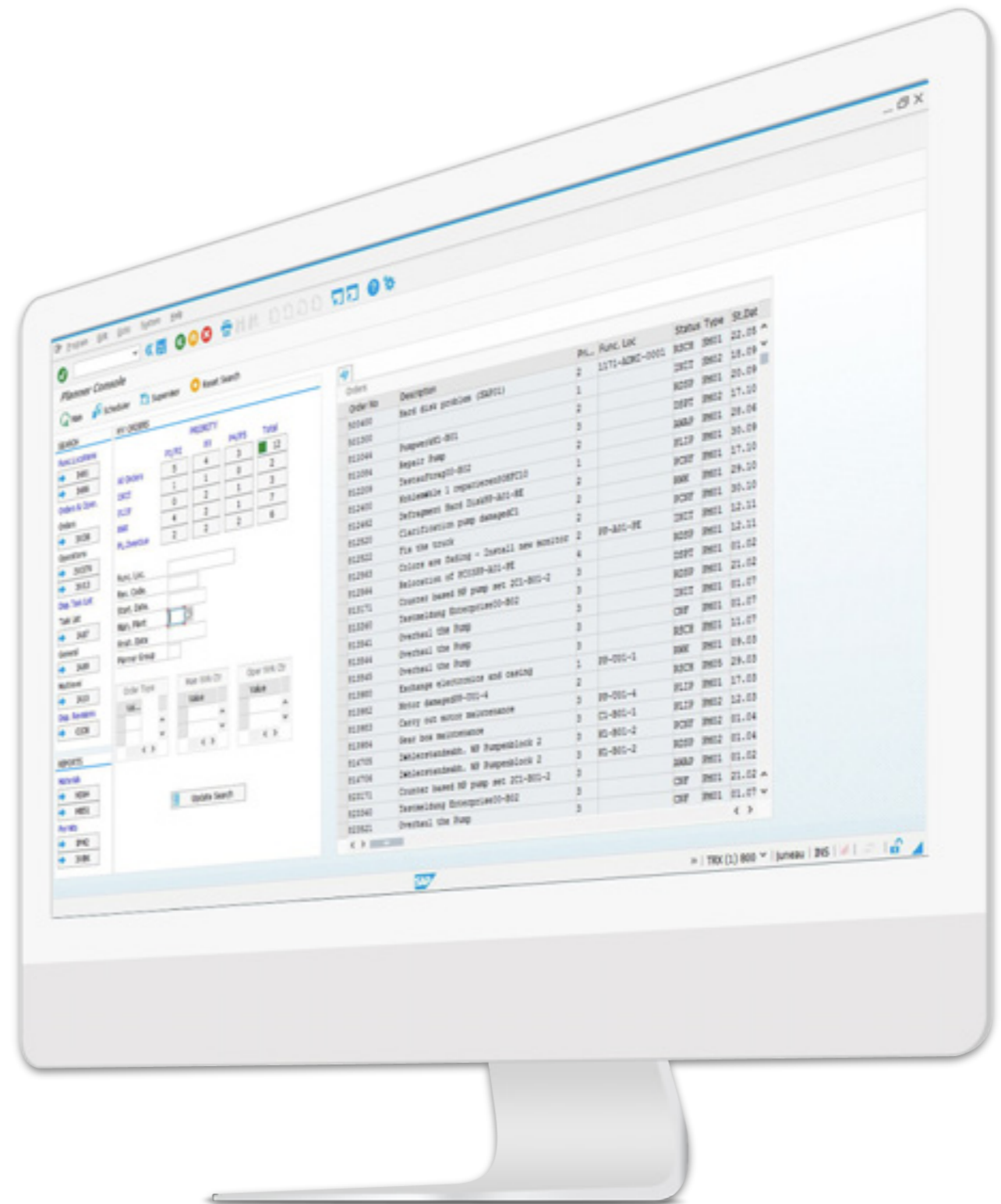
Plant Managers

Every plant manager's goal is to increase productivity and decrease downtime. Instant visibility into plant metrics enables a plant manager to take quick action to maintain equipment and available resources. Dashboard views also allow plant manager to compare performance across different lines or plants, helping to drive optimal delivery of production orders and establish best practices across the organization. With this level of insights, plant managers can communicate improvement opportunities in real time.

Planners

Planners get everything they need on one screen for efficient maintenance planning. They can quickly and easily navigate through the business process. By clicking on a particular work order, they can see details such as operations, components and cost table. The planners can search for specific work order by applying filters such as start date, finish date, priority and more. Moreover, they can view, interpret and analyze large amounts of work-order data, streamline maintenance while reducing preparation work.

Schedulers

Schedulers can quickly and easily schedule jobs and minimize downtime while coordinating with production. They get the list of all work orders by priorities and status. Schedulers can search about specific work order by applying filters such as start date, finish date, priority, functional location and more. The solution provides real-time updates and notifies schedulers in the case of equipment failures. The schedulers can then reallocate resources based on requirements. Having greater visibility lets schedulers quickly organize the tasks based on the real-time changes to resources, work or cost.
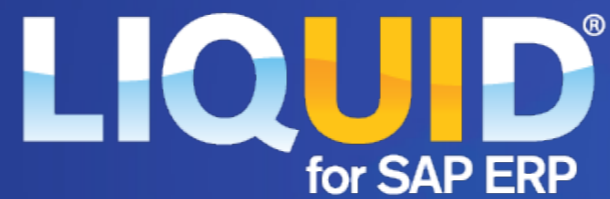
Conclusion
LIQUID UI EFFICIENT PM

By deploying Liquid UI Efficient PM, your organization can manage your resources and workforce more efficiently, saving your company time and money. The Liquid UI solution is a complete, easy-to-use software package that covers SAP gaps, improves usability, and increases user adoption.

It gives extremely productive UI by combining multiple screens, tabs, and transactions. The simplification of maintenance operation lowers the cost and increases profit with better responsiveness through aggregated transactions. Liquid UI Efficient PM provides greater process consistency across different plants with better visibility into global operations. By hiding unused fields and adding field validation, Liquid UI Efficient PM minimizes the chances of errors.

Your company can improve its ability to manage operations from shop floor to top level, improve asset utilization and overall plant performance. Correctly, maintained and serviced equipment helps your company to avoid any unnecessary shutdowns, increase the efficiency of equipment and restore overall system productivity. It enables your business to leverage existing software to get a higher return on investments and to improve profit margins. It increases efficiency through optimal allocation and tracking of resources. Liquid UI Efficient PM helps to keep your maintenance operations running at peak levels to support your business goals. The result is a better, faster, and more cost-effective plant maintenance process.

LIQUID®
for SAP ERP

EMPOWERING USER EXPERIENCE

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