Visual Planner

Digitalize Maintenance Scheduling
for SAP Plant Maintenance

Visual Planner Suite

A comprehensive work week management solution that digitalizes the multitude of maintenance work scheduling parameters and empowers your organization to execute on time the maintenance work required to prevent asset failures, boost labor productivity and **lower maintenance costs.**
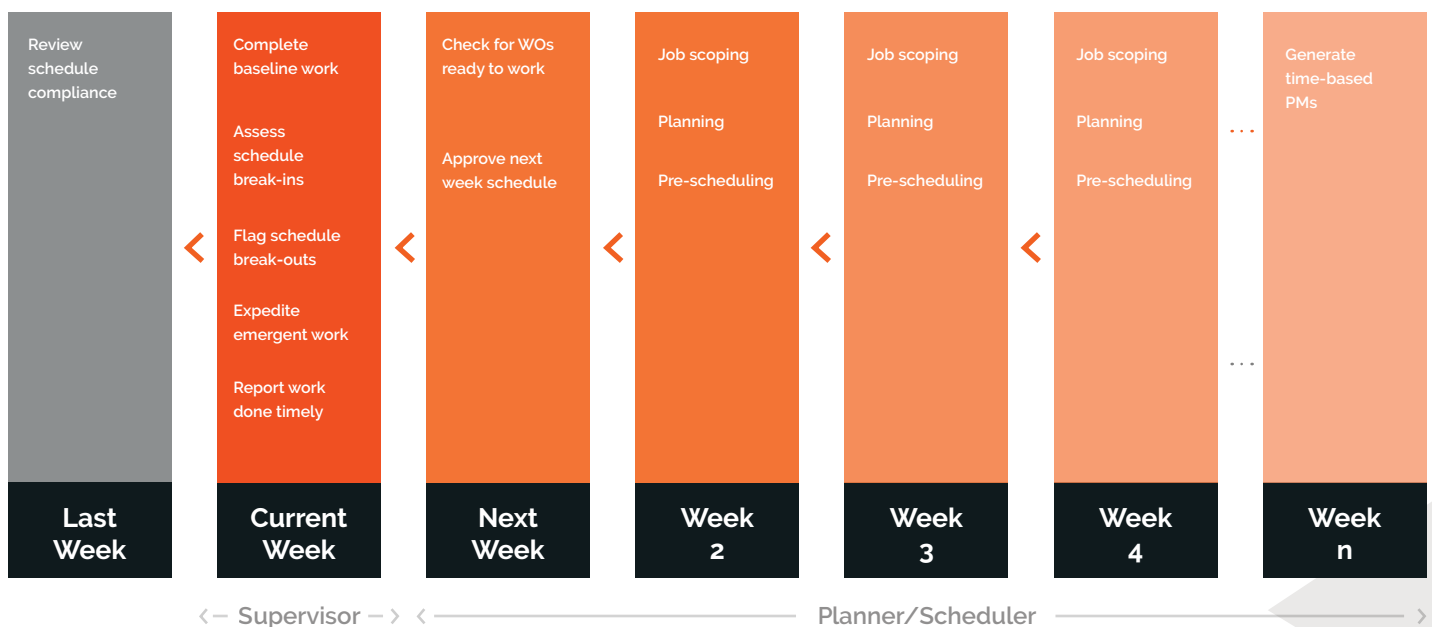
The work week management process consists of a rolling multi-week schedule to ensure that the highest routine maintenance work priorities set by maintenance planner/schedulers and operations reliability coordinators are being completed on time on a weekly basis.
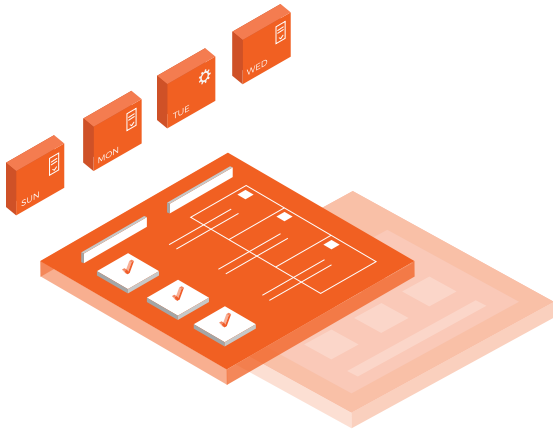
It provides supervisors with clear direction for integrating emergency work and overcoming the multitude of day-to-day challenges that can occur, in order to closely adhere to the approved weekly schedule.

It promotes teamwork between maintenance and operations so they can work together to maximize equipment uptime and production output.

Work week management process

Last Week	Current Week	Next Week	Week 2	Week 3	Week 4	Week n
Review schedule compliance	Complete baseline work Assess schedule break-ins Flag schedule break-outs Expedite emergent work Report work done timely	Check for WOs ready to work Approve next week schedule	Job scoping Planning Pre-scheduling	Job scoping Planning Pre-scheduling	Job scoping Planning Pre-scheduling	Generate time-based PMs

← Supervisor → ← Planner/Scheduler →

Visual Planner is designed from the ground up to **support the work week management process.**

It provides controls on multi-week schedules that neither project scheduling software, nor scheduling spreadsheets can achieve, since they were not designed to manage the work week management process in the first place.

Visual Planner consists of four applications that offer a unique graphical calendar approach, specifically designed to support the work week management process from long-term capacity planning to short-term scheduling and execution of routine maintenance work.

Visual PM, **Visual Scheduler** and **Visual Roster** allow schedulers to perform long-term planning, as well as visualize and select the work required to be completed each week to prevent equipment failures, and accurately determine the resources required and available to execute the work.

Perform long-term capacity planning and workload leveling

Leverage intelligent auto-scheduling

Manage labor resource availability in seconds

Graphically optimize each week's schedule

Present concise visual information at maintenance/ operations meetings to approve next week's schedule

Visual Assignment allows supervisors to overcome the multitude of daily challenges to completing jobs on time and achieve the highest level of schedule compliance. It allows them to spend minimal time on the computer and maximize the time spent with their crew.

Assign a full crew to a shift in less than a minute

Quickly visualize work progression and emergencies

Make daily schedule adjustments in seconds

Maximize craft productivity

XPRess Work Reporting (XPR) is the quickest and most accurate way for craftspeople to enter time and technical information about work done. It also allows supervisors to quickly and easily review and validate the information entered.

Enter information on work completed in the quickest and most reliable manner

Reduce data entry mistakes

Review and validate the information entered in seconds

State-of-the-art
technical architecture

Visual Planner has been embedded in SAP using the most up-to-date technical architecture. This approach allows Visual Planner to have the same look and feel as the host software, which leads to **seamless and enthusiastic adoption by the users.**

Visual Planner's architecture provides a **single point of truth** by ensuring that the host system's data is accessed and updated directly and instantly using the host's standard architecture. It ensures the utmost data security versus interfaced systems, which often have latency and cause data integrity issues.

This approach also ensures the **lowest cost of ownership**, as there are no external systems to install and manage. This means your IT team will already be familiar with Visual Planner's technology, without requiring additional training on an external system.

Visual Planner for SAP runs on the SAP Cloud platform and is available for SAP S/4HANA® Cloud or on-premise, as well as ECC versions.

Available on the
SAP App Center

Minimize your maintenance costs

Backlog

20-50%

reduction in
4-6 months

Labor productivity

10-50%

increase

PM Compliance

>95%

compliance achieved
in 2 months

Overtime

20-60%

reduction

A proven solution deployed globally

Today, Visual Planner is used by **over 10,000 reliability professionals worldwide, providing outstanding value to organizations in all industrial sectors.**

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The best multi-week scheduling tool.

Visual Planner allowed us to ensure that our maintenance work is now always completed on time and we maximize our employees' productivity.

Team Leader, Maintenance Excellence

World leading oil & gas producer
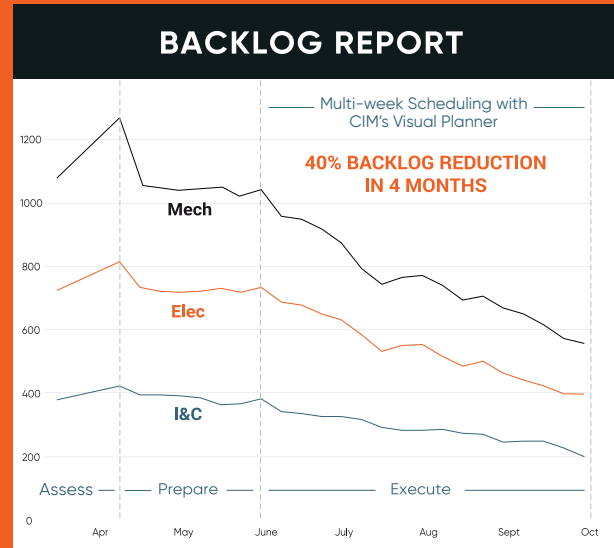
CASE STUDY - ENERGY SECTOR

The Challenge

The challenge for this major energy company was to increase PM compliance on critical equipment and reduce maintenance execution costs by improving the scheduling process. The planning and scheduling processes for routine maintenance were not uniform across their 143 sites. Some did not have a formal scheduling process in place, while others were managing their routine maintenance scheduling using Primavera P6 or spreadsheets. They used Visual Planner to implement an efficient and standard multi-week scheduling process across their sites, which allowed them to achieve their equipment reliability and maintenance execution cost reduction objectives.

"Implementing an efficient multi-week scheduling process with Visual Planner provided the highest and quickest ROI of all the EAM projects we have ever done."
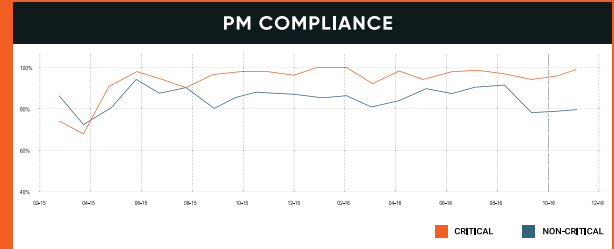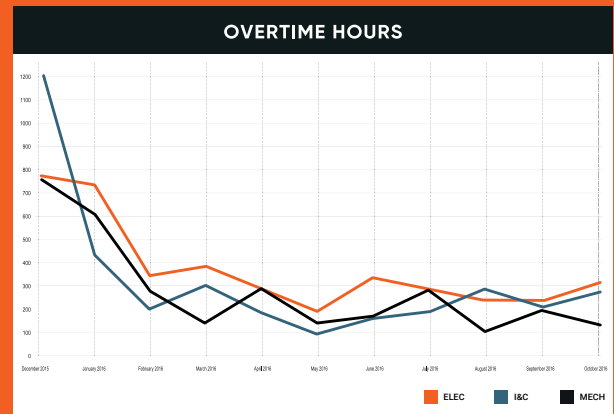
Project Engineer
Major US energy producer

The Benefits

They achieved a 12% increase in work orders done every week and reduced their backlog by 40% in 4 months.

BACKLOG REPORT

Multi-week Scheduling with CIM's Visual Planner

40% BACKLOG REDUCTION IN 4 MONTHS

Mech
Elec
I&C

Assess — Prepare — Execute

In 2 months, they increased PM compliance on critical equipment from 70% to close to 100% every week.

PM COMPLIANCE

CRITICAL   NON-CRITICAL

They reduced overtime by 20% to 60% throughout their sites in 4 months.

OVERTIME HOURS

ELEC   I&C   MECH

Direct maintenance cost reduction of 6 times the initial implementation costs year after year.
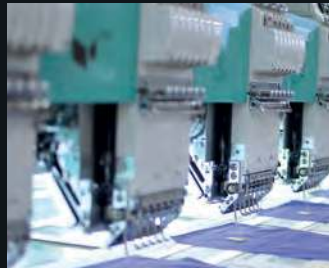
We understand your industry

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Mining

Power Generation

Utilities

Manufacturing

Pharmaceutical

Facilities

Transportation

Rail