

Prophit™ E-Planner

Advanced Planning and Scheduling Solution



Prophecy + Productivity = Profit

Prophit = Profit Impacting AP&S Solution

Scheduling is at the centre of any manufacturing operations ability to execute its business plan.

Prophit E-Planner has been designed to unlock the management conundrum:

How do you drive your production costs down while increasing customer satisfaction?

Does your planning team find it difficult to:

- Improve the delivery performance
- Give reliable delivery projections
- Communicate in timely manner with sales and customers
- Increase the length of campaign runs
- Reduce the number of schedule crashes
- Reduce labour and overtime costs
- Reduce inventory levels.

Prophit E-Planner uses the functionality of the latest programming languages to offer unique solutions to the above issues. The design goal is to offer a solution that saves time and supports your scheduler to make informed decisions. Once the best schedule is committed, it allows instant smart messaging within your organisation to ensure you are equipped to manage your customer's satisfaction

Addressing these two factors in its design ensures that **Prophit E-Planner** is a true **Second Generation AP&S Solution**.

Design ingenuity underpins **Prophit E-Planner** in every step of the AP&S process, ensuring your people have the right decision making information to maximise the effectiveness of the team. The understanding that AP&S is a business critical function and how it's implications flow through your organisation to the people who matter most, your customers, fuelled this design ingenuity.

The **Prophit Software Suite** can be stand alone modules or a fully integrated sales & operation planning system, E-Planner is accompanied by the following modules:

Prophit™ Forecast Manager

Prophit™ Master Production Scheduling

Prophit™ MasterView

Prophit™ Manufacturing Execution System

Prophit™ Rough Cut Capacity Planning

Prophit™ Progress

Second Generation AP&S – Prophit™

For an AP&S system to deliver this level of customer satisfaction it must be integrated to support your business infrastructure. The following features must be deliverable in the AP&S of choice:

1. Seamless integration with your ERP solution
2. Automated scheduling algorithms reduce the work content and conflicts of scheduling
3. Material requirements are dynamically assessed keeping the scheduler informed of material constraints.
4. Machines are optimally loaded with all possible alternative routes considered
5. Report realistic, achievable delivery dates
6. Facilitate full manual override and provide immediate feedback on all implications of schedule changes
7. Enforce frozen and firm scheduling windows, with complete schedule adherence reporting
8. Model labour crewing and tooling constraints to meet your production demand
9. Provide graphical representation of the scheduling horizon, to speed understanding
10. Automated scheduling algorithms reduce the work content and conflicts of scheduling
11. Support supply chain strategies by providing salient management reporting

Currently, these features have been traded as a basis of selection rather than as a given standard of an AP&S solution.

You no longer need to compromise between these features to determine which AP&S is right for your operations. **Prophit E-Planner** is designed to deliver ALL these functions.

In addition to this, **Prophit E-Planner** has further functionalities that add value to your business.

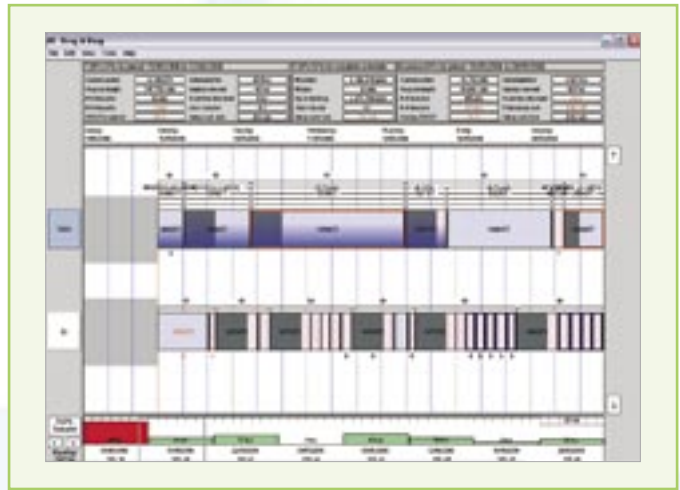
Additional functionality includes:

SMART TOOLKITS

- WASTE & LABOUR COST MINIMISATION
- DELIVERY OPTIMISATION

Often there are several resources that are profit impacting, and to sequence these optimally can save you hundreds of thousands or even millions of dollars per annum.

Prophit E-Planner Tool kits are designed to model sequence dependant costs, and develop automated sequencing protocols. With these tools included in your system you get real feedback about the costs of your various scheduling options and a system that actively schedules to minimise costs while driving your delivery commitments.



- > Interactive Drag n Drop planning board has active KPIs, demand and capacity profiles for real time feedback while scheduling.

Smart Tool Kits

Prophit E-Planner is designed with your plant in mind. Resources within your operations can be modelled with Finite Capacity Planning, Infinite Capacity Planning, Drum–Buffer–Rope or any combination. For instance, materials can be globally assigned or de–assigned it is no longer an either/or proposition. Simultaneous constraint based planning and optimisation is not only supported, but facilitated by **Prophit E-Planner**.

Whatever your production environment, no matter how complex, **Prophit E-Planner** will support your schedulers to execute the strategy to its maximum effect.

The tool kits are uniquely user defined which ensures that the solution can continue to develop with your operations. Your operation will change, whether it is the purchase of new machinery to increase capacity or developing supply chains to improve your production flexibility, the system supports your philosophy of continuous improvement.

This empowers your schedulers to add value. With the right tool, they can champion the war on waste, they will proactively drive down overtime and labour variances all the while delivering on commitments.

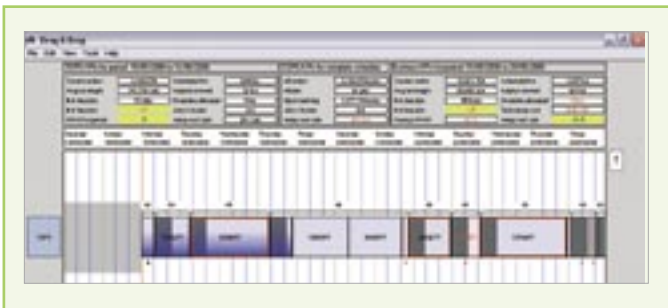
Fully Interactive Planning Board

The **Prophit E-Planner** planning environment, is intuitive to use with visual clarity giving the scheduler complete authority over the planning operation. Guided by tuning KPIs, the scheduler has real time feedback about the consequence of his manual intervention, allowing the best possible results to be achieved confidently and in a fraction of the time of conventional planning tools.

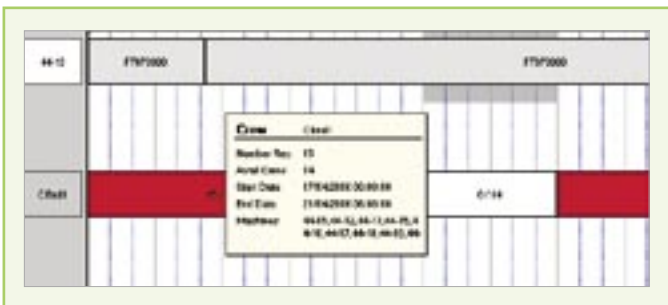
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Powered by the tool kits, **Prophit E-Planner** understands your production constraints and gives you instant feedback on your KPIs! Your planner can have absolute confidence in the information with a simple drag & drop on the screen, saving them time in checking for flaws. Scheduling with the production constraints in the tool kits and the real time information on screen, such as on time delivery performance, plant capacity figures, set-up times and other vital information; your scheduler is free to proactively manage the operations.



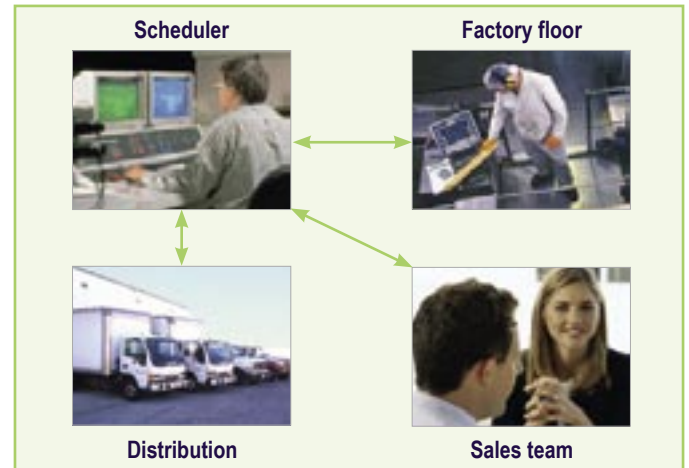
- > The electronic planning boards provide immediate feedback on changes to the schedule.



- > Prophit E-Planner can model labour crewing and complex tooling constraints for full optimisation of your operations.

Smart Messaging

After your scheduling department have made the right business decisions on the schedule, **Prophit E-Planner** can be implemented to assist the communication process with instant messaging to the relevant account managers, customer service or business unit managers. In short, without the scheduler lifting a finger the whole organisation can be informed and proactively manage the business to the benefit of the customers. This functionality can take your customer service to a whole new level...



- > Facilitates the communication cycle between scheduling, operations, sales and distribution to ensure your customers remain fully informed.

Benefits of Profit Impacting AP&S

- Cost Savings in reduced setup waste, overtime and direct labour
- Improve delivery performance
- Increased effective capacity by better use of resources
- Timely and accurate delivery forecasting
- Supports “what if” questions with immediate and informed answers
- Improve communications to the customer
- Reduce scheduling and planning overhead
- Improve management information and understanding

Double the PROFIT IMPACT

Prophit E-Planner AP&S aims to deliver to your business a double impact to your bottom line. Directly, it strives to minimise your production costs and raise your customer satisfaction.

- Improve Delivery Performance
- Minimise Waste
- Increase Productivity
- Reduce Inventory

Secondly, by taking the work out of managing your existing clients, your organisation is free to focus on growing your business.

This is profit impacting resource management!