

Manufacturers with 'flow-based' operations are, increasingly, challenged by rapid cycles and multiple supply and partner dependencies, in particular dynamic competition between buying groups who retail to consumers. Production Scheduling decisions have a high impact on service quality, yield, sustainability and return on shareholder funds.

Tailoring the capabilities of EVRIS to your specific challenges and opportunities ensures a solution integrated with the tried, proven systems and process partners embedded in your manufacturing environment.

The EVRIS data model and application libraries fully leverage investment in the personnel, plant and systems underpinning your manufacturing operations, including:

- First and foremost, the scheduling team – this team's responsiveness is under the spot light today. To create the optimisation necessary to your competitive edge, members of the scheduling team need to perform in a synchronous manner aligned to the customer service requirements being sought by the market place. The solution delivery needs to move from hours, to minutes for the delivery of optimized schedules
- Demand planning, ERP and MRP datasets and processes – relied upon for capacity allocation and sequencing decisions in the scheduling domain for economic run-length facts
- Operations know-how including rates, constraints configuration and sequencing impact information – residing in shadow systems (spreadsheets, databases, etc.) and practitioner heads as soft knowledge
- Change control methods that govern schedule creation, validation and execution including procedures for daily schedule review and revision
- 'Alerts' operating in the production environment that feed back status information to schedulers concerning plant availability performance and required disruption of production flows
- Optimised updating further out in the schedule is essential; you must provide the capability to contain the sub optimal activity occurring in the schedule (poor cost performance)
- Decision support and business intelligence– assess which scheduling scenario is of greatest benefit and least impact by updating the actual production against the scheduled quantities to ripple time and equipment impacts.
- An efficient contemporary operation re-invests the information captured by Production Scheduling as intelligence to inform investment, capacity, Customer Service and cost management modelling. EVRIS allows the Scheduling team to record operational parameters of key variables impacting production, yield and cost. Sub-optimal performance can be traced to the root cause (for instance, incorrect rate settings, excessive inventory, unreliable machinery). Having these facts increases the appreciation of operational complexity and challenges management to prioritise improvements that ensure the service and cost impacts of decisions are well-understood.
- By ensuring these many aspects of your investment in operations inform and guide

resource decisions, EVRIS is a high value competitive edge weapon that assures the advanced scheduling decision support necessary for compelling efficiency improvement and yield gains in global markets.