



# SMARTer MANAGER

## SCHEDULING

SMARTer Manager's Scheduling module is easily one of the most powerful tools of our manufacturing management solution. If you're determined to maximize the capacity of your facility, this robust scheduling application can meet your needs. The finite capacity scheduler can produce real-world schedules in just minutes, and is the only tool that can deal with a world of constant change, including customer demands, equipment failures, sick employees or unpredictable subcontractors.

With the SMARTer Manager Scheduling module, anything you want to schedule can be defined as a resource: machines, tooling, molds, even people. Every resource has its own unique calendar. This allows you to schedule maintenance, make short-term capacity changes such as evening or weekend work, or instantly react to unexpected problems.

The Process Plan is the heart of SMARTer Manager's Scheduling module, and includes some unique capabilities.

SMARTer Manager supports multiple resources per operation. This is the only way to create schedules in which a machine, tooling or molds, and a specific class of operator must all be combined to complete the operation.

SMARTer Manager's Resource Substitution feature spreads the load evenly across equipment with similar capabilities. As a true finite scheduler, no manual resource leveling is ever required to achieve a maximum capacity balance throughout the shop.

Operation grouping is another unique feature that allows you to indicate operations that must be scheduled consecutively. Equally important is the ability to schedule a break between production processes, such as drying the paint just applied. Using queues, you can begin a second operation while the previous one is finishing. Our ability to set a queue allows you to work on both, increasing productivity and maximizing resources.

SMARTer Manager's Scheduling module offers the real-world, real-time synchronization that can keep your plant running at peak efficiency.

S	L	G	Op #	Work Center	Resources	R	Description
			10	RECEIVING	RECV		Receive Materials
			20	INSP	MAHNC		QC Inspection
			30	ASSEM1 SET	ASSEM4		Assembly Station #1 Setup
			40	ASSEMBLY 1	ASSEM4		Assembly Station #1
			50	INSP	MAHNC		QC Inspection
			60	ASSEM2 SET	ASSEM 2		Assembly Station #2 Setup
			70	ASSEMBLY 2	ASSEM 2		Assembly Station #2
			80	INSP	MAILLDUXC		QC Inspection

