WHY nMetric?

nMetric®
Smarter scheduling®

How It's Different

Complex, high-mix manufacturing environments are, by their nature, chaotic. nMetric embraces this constant change and the need for a real-time, dynamic scheduling. Additionally, by using utilizing resources attributes to schedule tasks makes the scheduling adjustments in response to change either automatic or easily accomplished manually. The following are the fundamental differences between the nMetric solution and other similar software offerings.

What others do:	What nMetric does:
Provides snapshots of current and ideal future activity at various times	Dynamically replicates the reality and change of high-mix environments for real-time virtual visibility, proactive intervention and quick response
Assigns tasks to individual resources	Schedules tasks to a pool of resources that share the task's required resource attributes (skills and capabilities)
Provides power-user schedule visibility	Provides the entire organization with schedule visibility • Role-based access to functionality • Universal view-only access
Tracks task completion	Provides real-time/near real-time updates including: • Task status update (starts, partial and full completion) • Notes • Change in resource availability (downtime or overtime) Dynamically reschedules tasks and changes occur
Sequences queues to resources	Automatically recalculates scheduled resource demand in real time, resulting in immediate visibility of the impact on: • Other tasks in the production routing • Potential late order completions • Resource over-utilization Allows manual drag-and-drop schedule management, adjusting the schedule to maintain dependent task scheduling requirements immediately
Uses algorithms to attempt optimization using fixed criteria	Uses probability and heuristics to balance multiple criteria and priorities to manage the entire environment for on-time Smart Job completion
Third-party alert generation	Real-time, system-wide, event-based alerts and email notifications
Captive ERP add-on modules	Real-time bilateral integration with any ERP, legacy system or database