

nMetric®, LLC.

Company Overview

Our Manufacturing Roots

We understand the challenges of a complex manufacturing environment and the need to often make decisions in minutes or even seconds – because that's where we came from. Our roots stem directly from solutions conceived and proven on the factory floor of a global hydraulic valve manufacturer.

Originally, the concept developed into a software tool that would create more effective production schedules that balanced incoming customer demand with available resources and capacity within a fast-paced, make-to-order environment. However, it also became very clear that capabilities to visualize and react to changes as they occur were just as important. Even the most well thought out plans were difficult to execute as expected when subjected to the realities of the factory floor, which often resulted in constant reactionary crisis management and expediting.

A History of Innovation

While our company's enterprise applications managed the transactional and financial processes, there was a clear functional gap regarding much needed capabilities to manage and control dynamic changes of the factory



floor and supply chain. Realizing that these challenges were not only unique to

our manufacturing environment, the company formed nMetric®, LLC in early 2000 as a separate venture to develop a fully robust solution. By leveraging the company's real-world manufacturing experience and incorporating the latest web services information technology, the vision was quickly transformed into reality with the award of a patent for one of industry's first and truly innovative approaches to collaborative production scheduling and execution.

Company Mission

Our goal is to provide discrete and hybrid manufacturers with innovative software solutions that schedule, execute, visualize, improve and control the real-time challenges of the factory floor, while building a better link to the enterprise and supply chain.

Key industries we serve include:

- Aerospace
- Automotive
- Consumer Products Goods
- Electronics & Hi-Tech
- Medical Devices
- Paper, Printing & Packaging

Problems We Solve

Do these sound familiar? While every manufacturing environment offers unique challenges, we continue to be amazed at how our customers from many diverse industries often share business goals and express similar concerns.

Typical problems we solve include:

- Unrealistic "push" schedules
- Functional gaps in ERP / MRP
- Poor performance visibility
- Manual data collection & paper
- Lack of accurate part history
- High work-in-process inventory
- Inconsistent on-time-delivery
- Islands of information

Solutions We Deliver

Solutions need to be expertly integrated, not merely installed. Processes must be analyzed and improved. Disparate systems must work in concert. Existing enterprise platforms, factory devices, and legacy-based applications must be leveraged. nMetric® brings all of these elements and more together to create a better, more responsive and more productive environment.

Several key solutions we provide include:

- Seamless enterprise integration
- Collaborative scheduling
- Lean workflow & e-Kanban
- Capacity analysis & What-if
- Paperless operator execution
- Real-time performance visibility
- Quality & regulatory compliance

Results We Achieve

The true measure is not how much we know, but how we translate that knowledge into results that matter for your business and provide a competitive edge in your industry.

Results we have achieved include:

- Improved labor productivity
- Lower scrap & rework costs
- Reduced production cycle time
- Higher customer service
- Increased capacity & utilization
- Accelerated Lean & Six Sigma

"nMetric helped us become more aware of what is happening on the shop floor so we can act on issues in real-time instead of reacting after the fact. The solution also integrated with our existing legacy ERP system without disrupting our operation. While we have quantified cost savings, the positive impact to on-time-delivery is priceless." - Essam Mohamed, General Manager, Halo Industries Inc.