

YOUR DATA. IN REAL TIME.



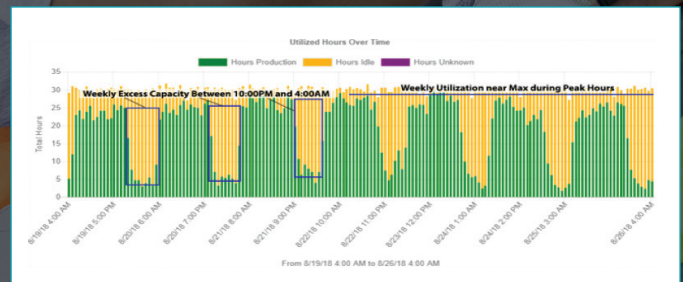
BRIDGE THE GAP BETWEEN THE FRONT OFFICE AND THE SHOP FLOOR

>>eXcellerantTM
Manufacturing Technology. Simplified. **MDC**

OPEN TOMORROW'S FRONTIERS BY UNDERSTANDING TODAY'S DATA

Excellerant MDC™ connects manufacturing data streams in real time — from shop floor controls to ERP and back again. It operates with both modern and legacy machines across a wide array of retrieval standards and protocols.

Excellerant MDC's deep functionality allows machine performance to be reviewed, predicted, and even simulated, while enabling timely communication about production and capacity across the organization.

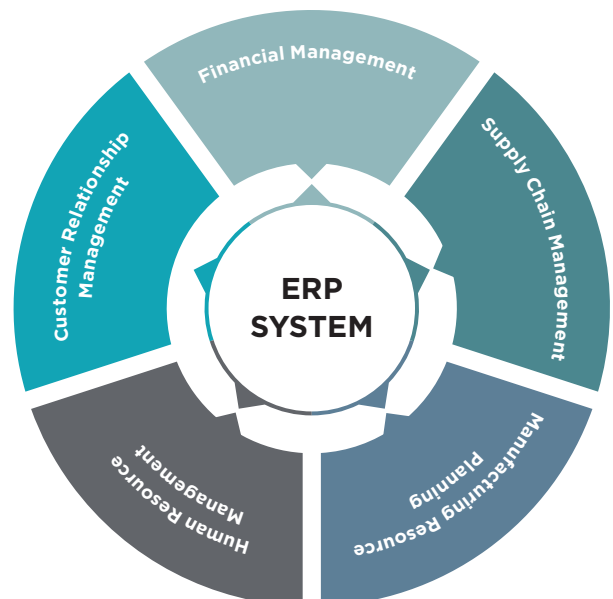


ESP FOR YOUR ERP™

Powerful as they are, ERP systems are not the full solution — they cannot process what they cannot see. Manufacturing data is so complex and non-uniform that ERP and MES systems often struggle to reach even basic manufacturing environment data. As a result, the front office remains critically separated from the shop floor.

Excellerant MDC conforms a vast array of data streams and makes them accessible in an elegant, logical, and adaptable computing environment.

Let your managers, report writers, and developers focus on their core missions rather than spending time becoming domain experts on CNC connectivity.



KEEPING IT SIMPLE

A system can only function effectively if the necessary people embrace it and the system expedites processes rather than gets in the way. Therefore, Excellerant MDC's interfaces and tools are designed to be as intuitive and simple as the software is powerful.

Interoperability, Seamlessly

Excellerant MDC's easy-to-use tablet interface (located at each machine) allows operators to connect seamlessly and quickly with downstream systems, management personnel, and support staff. For example, operators can now qualify the number of parts coming off a machine and instantaneously push this data back into ERP. They can call out errors and problems just as easily, allowing you to get a machine back online more quickly. This reduces paperwork, simplifies communication, and clarifies an operator's production environment.



Insight and Oversight at a Glance

Excellerant MDC pulls a powerful set of real-time data and input from machines and operators, and reconciles it directly with planned actions from your ERP system. The built-in dashboard suite and analytics engine allow you to customize and prioritize what you see and when. The result: clear, robust, actionable insights for management at all levels, from shop floor supervisors to executive office staff.

Quick-scan summary reports provide a snapshot of the shop or any relevant shop subset (operator, machine type, customer order, and so forth) on one screen. We even provide a forecasting tool to help with scheduling.

Matters such as the dynamic prediction of order completion dates, the automatic calculation of scrap, and the assessment of machine utilization — accurate down to the second — are now at your fingertips. By tying critical data streams together, Excellerant MDC facilitates a wide array of functions and insights, all of which can be reported, analyzed, maintained, and controlled. Excellerant MDC further organizes your data so you can use a variety of interface tools to generate custom reports, including OPC-UA, SQL and Excellerant MDC's own API.

WE HAVE DESIGNED EXCELLERANT MDC
NOT ONLY TO EXTRACT YOUR DATA, BUT TO
INTERPRET, HARMONIZE, AND SYNTHESIZE IT.

REAL-TIME AND REALLY SECURE



Convenient access to your data should be reserved for you. With Excellerant MDC, your data can remain entirely on-site if you so choose. While we offer cloud-based deployment and server management services, the full power and convenience of Excellerant MDC is also available in a self-contained environment that you own and control.

This allows you to keep focused on maximizing the power and insights of your data rather than worrying about where it might end up.

SIMPLIFY THE COMMUNICATION PROCESS

It has never been easier to integrate shop floor data into a company's manufacturing process.



Most modern CNCs come equipped with options that make connecting to Excellerant MDC as easy as plugging in an ethernet cable. Some machines now even come with built-in wireless capabilities. Excellerant MDC can also link to legacy machines through serial communications or an added PLC, connecting you regardless of your control types and the age of your machines.

Excellerant MDC simplifies the communication process, even across complex machining environments. While other software packages can talk only to newer machines or certain controller types, Excellerant MDC's integral hardware and software provide standardizable connections to both new machines and older machines that were not originally designed to provide data. The documentation for machine connectivity is built directly into Excellerant MDC, ensuring that the connections are easily maintainable.

Finally, Excellerant MDC has been designed to interface with a wide variety of data streams, eliminating the need for multiple software platforms to harness your information.

ADDED EFFICIENCY AND CONTROL



What could be better than powering your systems with Excellerant MDC as a standalone, premier manufacturing data collection program? Bundling it together with our world-class Excellerant DNC™ product.

The Excellerant MDC/DNC bundle saves you money, installs easily and efficiently, and connects to a single node on your machine controllers.



Excellerant MDC is transforming our machine environment. It is providing us with more accurate and timely production data by streaming directly into our ERP system without the need of unnecessary paper documents that were laden with error. ”

Shawn Bergeron
Continuous Improvement Leader
C&M Machine Products

**WITH EXCELLERANT MDC,
YOU KEEP YOUR MACHINES,
YOU KEEP YOUR SYSTEMS,
AND YOU KEEP YOUR DATA.**

**Maximize your insights.
Maximize your investments.**



**Give us a call so we can
show you how easy it is
to get your data to work
for you.**