Mobile Manufacturing Solutions: to monitor and control production operations

Mobile solutions from CGI help manufacturing companies to monitor and control production operations anywhere on the premises by the plant operators.

Big, medium or small, all manufacturing companies have the same objectives: Meet customer demands in terms of specifications, timing and volumes while respecting efficiencies and costs throughout the operations.

Mobile technologies are now increasingly playing an important role in accessing enterprise data to improve and accelerate decision-making in manufacturing operations. They provide manufacturing companies with the flexibility to perform a wide variety of tasks, without the drawback of being restricted to one location. Furthermore, they are easy to configure to quickly adapt to changing business process needs.

CGI's mobile manufacturing solutions make data from manufacturing operation systems (MOMs) available as information to monitor and control using mobile devices 24/7: smart phones, tablets and laptops. They are 100% secure for use with mission critical systems and keep your manufacturing operations – from design to delivery – performing at optimal efficiency.

WHAT MOBILE MANUFACTURING SOLUTIONS OFFER

Whether you have one plant or many, CGI's mobile manufacturing solutions can help make your operations more productive by providing your employees with anytime, anywhere access to key information and to manage the operational processes.

Many large manufacturers already use mobile technologies in their assembly lines like RFID-based sensor networks or ruggedized mobile devices to automate portions of their manufacturing processes. Many more want to increase reliability on mobility in their manufacturing processes and see it as essential in converting downtime to productive time.

Mobile technologies are the perfect solution for manufacturing companies to increase employee and asset productivity, efficiency, and manage operations.

MOBILE MANUFACTURING SOLUTIONS AT WORK

We've been privileged to work with global companies over our 35 years in business. Here is just a snapshot of some of the clients we've been able to help.

- **Ruggedized smart phones**: We recently conducted tests with various clients into the use of ‘ruggedized’ smart phones and tablets that continue to function in adverse production situations such as dust, extreme temperatures, etc.
- **Private GSM technology**: We have applied this technology to ensure a permanent, secure and robust data connection between the manufacturing operation management systems and the mobile devices.
• **Client case:** CGI developed an ‘App’ that enables maintenance teams to access information in an SAP system. This can be read on explosion-resistant Android tablets. This system is now used in the maintenance of a chemical production facility of a global company.