



**SEABROOK**  
TECHNOLOGY GROUP

# DIGITAL MANUFACTURING CLOUD

FOR MEDICAL DEVICE, DIAGNOSTICS, AND BIOTECH MANUFACTURERS.

*powered by Siemens Opcenter Ex*

OPERATIONAL  
EXCELLENCE

RAPID  
DEPLOYMENT

ENTERPRISE  
GRADE DATA  
SECURITY

**DIGITALIZE THE MANUFACTURING PROCESS**

The Seabrook Digital Manufacturing Cloud

**brings immediate value to manufacturers**

while **reducing overall cost.**

It is also **rapidly implemented, & provides**

**enterprise-grade data security,**

reducing IT infrastructure and operating cost expenses.



[www.seabrookglobal.com](http://www.seabrookglobal.com)



Seabrook Technology Group



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# MEDICAL DEVICE, DIAGNOSTICS, & BIOTECH MANUFACTURERS CAN NOW:

- ACHIEVE OPERATIONAL EXCELLENCE THROUGH DIGITAL TRANSFORMATION & PAPERLESS MANUFACTURING
- EXPERIENCE RAPID DEPLOYMENT OF THE INDUSTRY-LEADING FDA COMPLIANT SOLUTION
- ENJOY ENTERPRISE-GRADE DATA SECURITY IN A FLEXIBLE, CLOUD-HOSTED SOLUTION

## The Challenge

The challenge for many manufacturers in regulated industries, is to think beyond the use of paper and to move toward digital transformation. However, questions of scope and cost become immediate roadblocks to the first steps of this journey. Manufacturers may abandon the idea of a digital solution, believing that there is not a solution that can be implemented quickly and lead to a timely return on investment. Although most manufacturers agree that paper is far from perfect and brings significant risk, many are not able to justify the cost and interruption that may be associated with traditional solutions.

## The Opportunity

The real opportunity today is that improvement of the entire manufacturing process is possible through a variety of solutions, and these solutions can be utilized by life sciences manufacturers of varied sizes. One such solution is the **Seabrook Digital Manufacturing Cloud, powered by Siemens Opcenter Ex.**

## What is an MES?

Manufacturing Execution Systems (MES) digitalize the manufacturing process, eliminating error, streamlining compliance, reducing risk, and drastically increasing productivity. Now more than ever, digital transformation is vital to the current - and future - success of manufacturers.

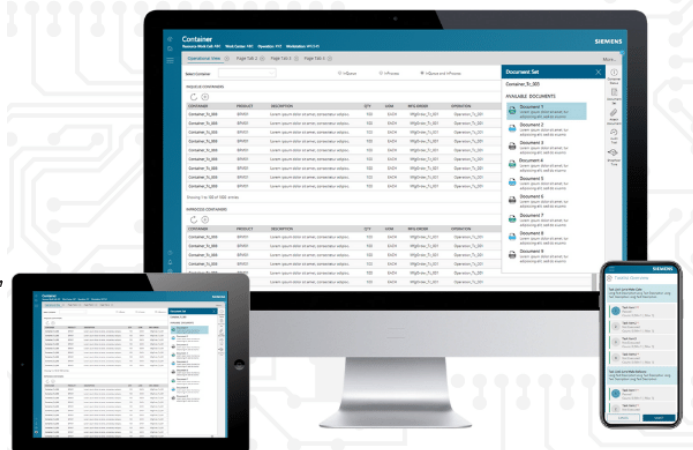
## The Solution

Combining the Medical Device, Diagnostic, and Biotech expertise of Seabrook Technology Group with the advanced functionality and quality of Siemens Opcenter Execution, **Seabrook Digital Manufacturing Cloud, powered by Siemens Opcenter Ex** brings immediate value to manufacturers, while reducing overall cost and implementation time.

Additionally, utilizing Rapid Implementation Methodology (RIM) and hosting the MES on the AWS Cloud platform supports timely return on investment and provides enterprise-grade data security in a flexible, dynamic environment that reduces IT infrastructure and operating cost expenditures.



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# THE SEABROOK DIGITAL MANUFACTURING CLOUD:

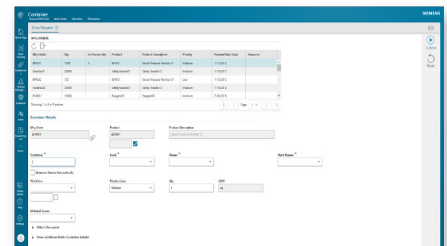
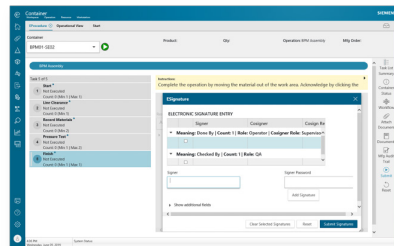
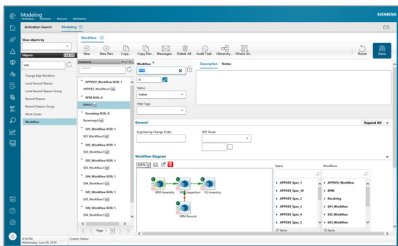
- digitalizes the manufacturing process
- eliminates production error
- streamlines compliance
- reduces risk without sacrificing quality or safety
- is quickly implemented to enhance return-on-investment (ROI)
- provides enterprise-grade data security
- is a fully-validated solution
- is flexible & scalable, allowing for growth within your organization
- reduces IT infrastructure and operating costs



## FUNCTIONALITIES OVERVIEW

### Base Funtionalities Include:

- Security and Access
- Process Model Management
- Product Data Definition
- Physical Model Management
- Modeling Data Filter
- Modeling Audit Trail
- Manufacturing Calendar
- Order Tracking
- Basic WIP Tracking
- Multi-Level WIP Tracking
- WIP Messages
- Manufacturing Audit Trail
- Data Collection
- Resource Tracking
- Resource Audit Trail
- OEE
- Labor Tracking
- Quality Enforcement
- Electronic Procedures
- Auto Numbering
- UOM Conversion
- Document Attachment
- Containment Management
- Process Time Enforcement
- Bill of Process / Spec Overrides
- Resource Material Queue
- Team Tracking
- Smart Scanning
- Spec Based Business Rules
- Universal Device Identifier (UDI)
- Dispatch Management
- Electronic Signature
- Acceptance Quality Limit Sampling
- Weigh & Dispense
- Statistical Process Control
- Label Printing
- Non Conformance and Event Management
- Master Data Management



Seabrook's Digital Manufacturing Cloud is powered by Siemens Opcenter Execution & is hosted on AWS

[www.siemens.com](http://www.siemens.com)  
[www.aws.amazon.com](http://www.aws.amazon.com)

**SIEMENS**





# SEABROOK

TECHNOLOGY GROUP

## WE ARE MANUFACTURING TECHNOLOGY EXPERTS.

At Seabrook Technology Group, our focus is to provide Connected Manufacturing Solutions to Medical Device, Diagnostic, and Biotech Manufacturers

- Offices in the US, UK, Ireland, India, and the Philippines
- Official Siemens Reseller – Siemens Solution (Smart) Partner
- Tulip Manufacturing App Partner
- AWS Consulting Partner
- Team of Industry-Known Connected Manufacturing Experts
  - ISO 9001 Certified
  - Siemens Certified Consultants
  - MESA Certified Consultants
  - CPIM Certified Consultants
  - PMP Certified Consultants
  - Integration, Manufacturing Intelligence, and DHR Requirements Expertise

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