



**COMPLETE** <sup>®</sup>  
END to END SUPPLY CHAIN

# S&OP / MOM Cooperative Framework

powered by Microsoft Azure  
Machine Learning

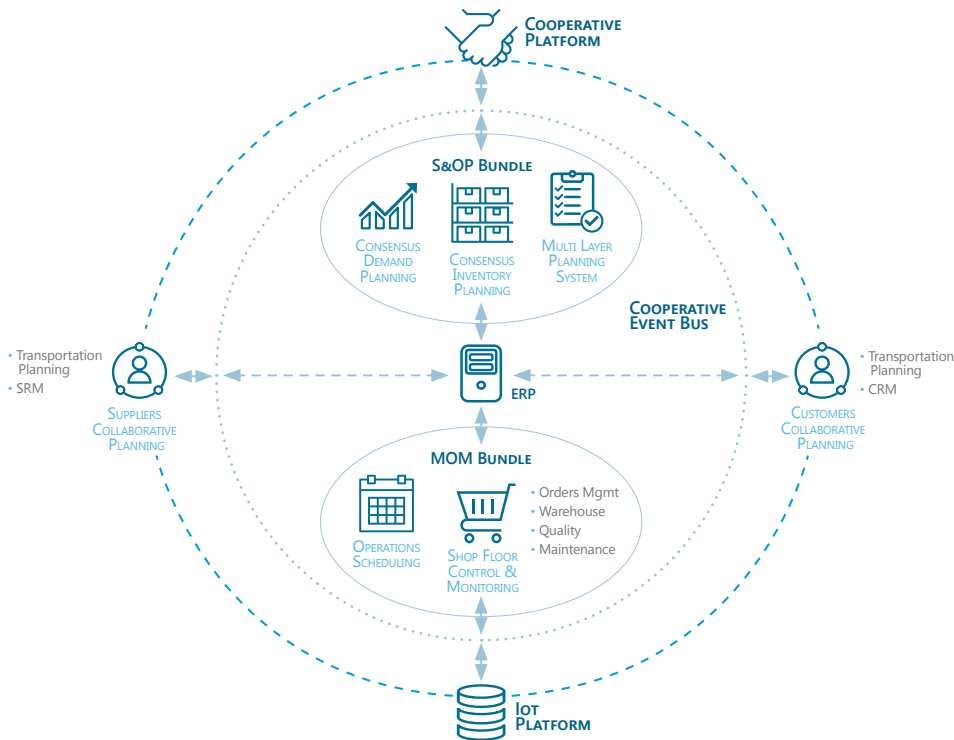
A cooperative, simulative, and adaptive work environment to maximize synergy across business functions and to support decision making, with advanced artificial intelligence algorithms, in strategic, tactical, and operational simulation scenarios.

It is a SaaS solution, technologically advanced for creating the company's digital twin, simulating critical issues, and proposing corrective measures by assessing their economic and productive impact.

## DESCRIPTION

COMPLETE® is a framework based on Microsoft cloud technology that can replicate the entire supply chain value from supplier to customer. It guarantees its performance by reducing the overall lead time and maximizing

## THE FUNCTIONALITY OF THE COOPERATIVE FRAMEWORK



- Consensus Demand Planning
- Consensus Inventory Planning
- Multi Layer Planning System
- Operation Scheduling
- Shop Floor Monitoring
- Suppliers Collaborative Planning
- Customer Collaborative Planning



### Cooperation



### Simulation



### End To End Monitoring

- Push notifications system of shared information
- Collaborative approval workflow
- Integrated management for cross function content sharing
- "What if" and multi-scenario simulations and analysis
- Immediate verification of the impact of perturbative events from other users or systems
- Cooperative multi-user and multi-function simulation environments
- Total visibility of the Supply Chain
- Monitoring and comprison of the current and historical Supply Chains
- Projection of future events and proposal of corrective actions

## THE CHALLENGE

Today, a Supply Chain is a complex network of relationships between people and functions that pursues conflicting objectives: its magnification, through new customers, new factories and new suppliers (which results in a greater complexity), the reduction of total crossing times and the maximization of the service levels. Poor information sharing also risks of generating decision-making islands which pursue locally excellent strategies that are often globally ineffective.

## OUR RESPONSE

The COMPLETE® solution offers a cooperative and simulative environment that brings strategies, information, and goals together in perfect harmony. One single technology, one single graphic environment and one single information base that share all the algorithms from forecasting to planning, from scheduling to the management of IoT and field data. This is to ensure consistency as well as the convergence of all the processes of the Supply Chain.

## DGS AND PORINI

DGS is a private group, operating in ICT since 1997 providing valuable professional solutions with high technological content in the Cyber Security, Digital Solutions and Management Consulting fields.

PORINI, established in 1968, is the Microsoft partner which supports the management of companies in the design and implementation of ERP solutions, Social CRM, Business Analytics, Artificial Intelligence, Machine Learning, IoT, Performance Management, Collaboration and Knowledge Management.

[www.porini.it](http://www.porini.it)  
[info@porini.it](mailto:info@porini.it)

