

# e-LITHUANIA

A Hub for Innovation

## SMARTSPHERE™ MANUFACTURING

### SOLUTION DESCRIPTION

Manufacturing systems encompasses a wide range of operations and management processes that support manufacturing activities along the value chain! The foundation of this solution is implement Iamus SmartNodes with optimised LED lamps; apply video analytics and sensors to capture employees's behaviour; implement smart building technologies to create adaptive ambience; use of smart tags for inventory tracing, data analytics for optimal product and promotion placement.

### BENEFITS

- Cloud based data collecting allows fast and easy access of structured data of factory.
- Integrate human and technical resources to enhance workforce performance and satisfaction.
- Reconfigure manufacturing enterprises rapidly in response to changing needs and opportunities.
- Monitoring of city safety and fast response to alert.
- Various sensors and detectors can show exact spot of a problem.
- Balancing the roles of machine and human interaction.
- Camera system can detect people or objects, analyse it and send data to right priorities.

### ABOUT COMPANY

Iamus is an international software company based in the Singapore, with offices in Munich and Klaipeda. Iamus provides innovative solutions that enable customers to visualize, monitor, manage and optimize their environments to improve quality of life, reduce environmental impact and energy costs.

