SmartSpace

Applications

Aerospace

Production Logistics

Ubisense monitors the flow of kits and subassemblies in the plant and detects deviations from plan creating a real-time view of status and alerts. Operations teams can now proactively maintain JIT and JIS flow from origin to point of use with the aid of real-time guidance and automatic verification.

SmartSpace
Production Logistics Monitor

Assembly

SmartSpace continuously monitors the movement of WIP, tools and equipment throughout the production process, revealing real-world production flow and detecting deviations from plan. This real-time view of production reality enables operations teams to proactively optimise productivity and quality, while enabling continuous improvement teams to quickly identify process waste and instability.

SmartSpace
Process Monitor

Tooling Management

SmartSpace continuously monitors the movement of tools and equipment throughout the production process, revealing real-world movements, utilisation and detecting non-compliant use. This real-time view of utilisation enables operations teams to improve productivity by ensuring tools and equipment are optimally distributed and used, non-conformant tools are quarantined and inventory levels are optimised.

SmartSpace
Tooling Monitor

Audit & Compliance

SmartSpace brings multiple different assembly and MRO verification processes together in a reliable, digital build record for complex products and assemblies. With both real-time and digital-ledger capabilities integrated into one platform, operations teams can rely on SmartSpace to immediately identify non-conforming tool, equipment or parts use within their assembly process, while quality and compliance teams gain a digital build record that is unmatched in both detail and reliability.

SmartSpace
Compliance Monitor

Asset Management

SmartSpace monitors the location of tools and equipment throughout multiple production sites, where build and test processes are widely dispersed. Operations teams can now instantly find required resources, increasing productivity and decreasing order-to-delivery times by eliminating search waste.

SmartSpace
Asset Monitor

SmartSpace

Ubisense SmartSpace is a modular software platform that manages real-time location and identification data from multiple sources to build industrial-scale mission-critical visibility and control applications.

SmartSpace Core

Smart Workers

Smart Developer

Objects & Spaces

The fundamental services needed for storing, managing and making sense of location data on a large scale in real time

Location Rules

Use real-world information to process raw location information to improve its quality and to detect relevant business information

Business Rules

Transform object location data into business intelligence, by integrating spatial facts about objects with their business properties, detecting important events and alerting the right people

Visibility

Make location and business data visible via web browsers, using configurable personalized maps and forms to provide users with relevant graphical data

Reporting

Store historical data in a relational database and generate web-enabled graphical reports or integrate with third-party report builders

Apps Integration

Exchange business data with other systems using extensible APIs that support integration via various interfacing technologies including REST services, .NET, and direct RDBMS integration

Controls Integration

Control industrial systems with real-time protocols

RFID Integration

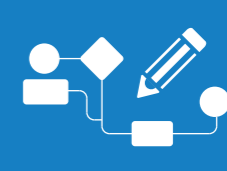Receive identification data from a wide range of suppliers using industry-standard protocols

RTLS Integration

Receive real-time location data from a wide range of suppliers using industry-standard protocols

Rules Engine Developer

Develop custom business logic using a drag and drop interface for application specific context-relevant events and application behaviour

Reports Engine Developer

Develop custom reports using a drag and drop editor for application-specific consumption of process data