Customer Use Cases (Commercial)
Objectivity: The Unique Competitive Advantage

Enterprise-proven software company powering the most interesting, mission critical systems for decades

• Deployed in sensor fusion and the most demanding operational support systems
  • At real-time speed and massive scale

• Objectivity performs operational, real-time sensor fusion, while other technologies only do “after the fact” analytics
How are these systems deployed by our customers?

Commercial
• Real-time operational systems such as: IIoT, manufacturing, medical, telecommunications, financial, etc.

Government
• Real-time, multi-INT data and sensor fusion systems
• New intelligence discovery and analytic systems at mission speed and massive scale
IloT Building Automation
**IIoT Building Automation**

Data streaming in from sensors and controllers

Customer Product:
- High performing, comfortable and energy efficient facilities

**Objectivity enables:**
- Management and control of large buildings and campuses
- Facility wide efficient and cost-effective information sharing

Automation Level Network

Field Level Network

Distributed network of sensors and controllers for building and campus climate control

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Complex Design and Knowledge System for Avionics

Objectivity helps:
With performance and scalability by managing the complex data models, the numerous connections, and historical data

Design system for the electronics of an aircraft
Amount of data with how things are connected is complex
Massive Seismic and Sensor Surveying

Oil and gas information system
Integrated navigation and positioning system. The customer product serves as a tool to help position the seismic vessel, sources, and streamers.

**Objectivity enables** the customer’s application to repeat surveys with higher positioning accuracy resulting in better survey efficiency and higher production yields.
Seismic Surveying, Oil and Gas Exploration

Seismic and position data
Objectivity enables cross-platform integration, a common data model to support application integration, with scalability and performance, resulting in better survey efficiency and higher production yields.

The physical properties are recorded continuously as a function of depth, while the tools are pulled out of the well.
Objectivity’s customer developed a family of intelligent pulping and fiber processes to meet the ever-increasing demand for environment-friendly and cost-efficient production.
Objectivity enables storing complex processing models and large amounts of sensor data at speed and scale to maximize the efficiency, throughput and uptime of the manufacturing plant.
Manufacturing Plant Automation
Objectivity enables multiple users to concurrently configure the system and access the single global configuration database from multiple workstations to maximize the efficiency, throughput and uptime of the manufacturing plant.
Commercial Computer Aided Engineering System
Commercial Computer Aided Engineering System

CAE modeling and simulation suite for manufacturing

Objectivity enables:
Efficiency gains as much as ten-fold within the iterative design, analysis and manufacturing of complex models, using a common schema and single copy of the data removing the need to re-enter data at each step.
Real-time data analytics for medical decision support
This customer’s product improves operating room processes and equipment utilization while enhancing patient wellness outcomes.

Objectivity enables precision and real-time performance in storing and analyzing information from a variety of sensors, and monitoring for patterns in the information.