Objectivity Case History

Customer Information

Customer: SEH America

Industry:	MFG of Silicon Wafers
Application Domain:	Shop Floor Process Control System
Status:	In production. Upgrading to Objectivity 5.1 by June 99.
Platform:	DEC Unix
Compiler:	C++
Other Tools:	Forte, SQL++

About SEH America

SEH is the world-leader in the manufacturing of silicon wafers for the semiconductor industry. Sliced from an ultra-pure crystalline ingot and then polished, silicon wafers are processed by our customers through the addition of circuit patterns arranged in tiny squares commonly referred to as "computer chips." These chips are then separated and packaged into electronic components that are at the heart of many products, including computers, lasers, automotive electronics, telecommunications, and many consumer products.

SEH America is part of the largest producer of semiconductor silicon in the world, Shin-Etsu Handotai, Ltd., headquartered in Tokyo. In the Vancouver, Washington facility, we manufacture single-crystal silicon ingots, polished and epitaxial wafers, and provide service and engineering support for customers. Our world-wide reputation for quality is based on global technical innovation in facilities located in Japan, Malaysia, Europe, Taiwan, and the U.S.A.

Buying Criteria

SEH actually purchased Objectivity because Vector Consulting built a process control system using our software. SEH purchased Vector's package and then licensed Objectivity. Since then we have had a number of issues with regard to backup and recovery. Currently SEH is upgrading hardware and software in order to stabilize their environment. Why Objectivity

- Scalability
- Supports complex data model
- Supports complex relationships

Competition:

Oracle 8 : Oracle has attempted to convince them that Oracle 8 is truly OO. Raytheon has since discovered this is simply not true. The fact that Oracle does not support inheritance is a big deal. Oracle is trying to show them a work around for the lack of inheritance. So far they've yet to produce anything.

Contact Information

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