

Sun Microsystems Assembly Testing Facility

HILLSBORO, OREGON

Services

MEP Engineering
Energy Services
Fire/Life Safety
Lighting

FAST FACTS

Architect

Soderstrom Architects: Shell
Jacobs Facilities: Tenant
Improvements

General Contractor

P&C Construction

Completion

January 2001

Building Size

88,000 sf

Construction Cost

\$14.9 million

Award

Honor Award: American
Council of Engineering
Companies, Oregon

Contact

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Sun Microsystems needed an operational facility in a minimal amount of time to begin production of a new generation of computer servers. In response, Interface—and the rest of the design and construction teams—fast-tracked the project from the usual 12-18 months for a project of this nature to just six months.

Early on in the design process, elements such as availability of product, delivery, and labor time became crucial to the project's success. Interface worked closely with Sun, the architects and various subcontractors and vendors to make sure materials were available and delivered on time. The result is a facility that is functional, flexible, maintainable and economical.

Energy savings created through smart design concepts provide an overall benefit to the environment and reduce Sun's operating costs. Interface's approach also prompted the Oregon Department of Energy to more closely monitor comparable manufacturing facilities in future energy code compliance regulations.

Well into the project, sun determined that the design incorporate future needs to 'upsized' the system by as much as 25 percent. Interface was able to accommodate the request and still keep the project on time and within budget.

**PETER LEHMANN, PROCESS ENGINEERING
MANAGER, SUN MICROSYSTEMS**



Electrical distribution panelboards were mounted on the catwalk, and drop cords were run directly down to the assembly bays to create a cost-effective, flexible and easily maintainable distribution system.