**Panels & Subsystems**

**Assembly:**

Our in-house Panel Shop is UL 508A registered and ISO 9001:2008 certified. It has been providing high-quality, competitively-priced monitoring and control panels to end-users, OEMs, and contractors around the world for more than 30 years. Typical functions include…

* Web communications
* Industrial Networks
* PLC, HMI, SCADA
* Relay & Pneumatic control
* Variable Speed Drive
* Servo & Stepper Control
* Custom MCC
* Power Distribution

In addition to being ISO 9001 certified and UL 508A registered, our panel shop is also…

* Able to design, build, and label for UL-1741 and UL-67
* Experienced in intrinsically-safe applications
* Can comply with—and produce documentation packages for—CE, CSA, SEMI, NEC, NFPA, and IP-20 standards

Industries in which we are particularly experienced include…

* Life Sciences
* Solar and CleanTech
* Oil & Gas
* Electrical Power Utilities
* Food & Beverage
* Municipal Water & Waste

For DST’s OEM offers to the Solar and other CleanTech industries, check out our solar website at… [www.dst-solar.com](http://www.dst-solar.com/)

**Design & Engineering:**

If a customer's product or system is already complete engineering-wise, DST stands ready to build, test, and deliver each and every unit on-spec, on-budget, and most importantly, on-schedule.

However if there's opportunity for product improvement, such as optimization for manufacturability, component-cost reduction, functional enhancement, or standards compliance—then our design & engineering group “upstairs” can expertly and cost-effectively provide that service.

And when a customer’s needs are initially only expressible as a “functional wish list,” our Control Systems Integration group can fully design, engineer, and specify a solution. This can include generating assembly documents, system programming, and testing.

Because DST Controls is also a licensed C-10 Electrical Contractor, we are also happy to provide installation, start-up, and commissioning services if desired by the customer.

**Outsourced Subsystem Manufacturing (OSM):**

DST's Outsourced Subsystem Manufacturing or “OSM” (pronounced "Awesome") group specializes in higher-volume production of electrical or electronic-based subsystems. This can be as simple as assembling wiring harnesses for OEM glass polishing machines or as complicated as designing, building (by the thousands), programming, and servicing PLC & HMI based controllers for regulating toxic liquids and gases in semiconductor production tools.

OSM's big value to DST customers is lower cost, higher quality, and more reliable delivery than provided by our competitors. This let’s our customers concentrate more on selling their products than on getting them built.

Important Note on DST Procurement:

Serving both DST's custom panel shop and OSM group, our Procurement Department actually operates as a profit-center for our customers. Cost-cutting strategies employed by our experienced, product-savvy, and tough-minded purchasing people include (but aren’t limited to) supplier pricing alliances, volume purchasing leverage, distributor stocking agreements, cross-manufacturer price & functionality comparisons, and web-based RFQ & order entry. DST Procurement uses these and other tools to assure our customers of the highest quality components, at the lowest price, delivered when promised.

**To summarize:** DST can build our customers’ panels and systems as “one-off’s” or in commercial volumes, but always to ISO Quality standards and at globally-competitive costs.