

Premier offers these services . . .

Premier's "ONE STOP SHOP" offers the widest variety of back-end services in the industry. Our expertise combined with the highest quality standards provides the complete package of electrical test and other back-end services for every product in your portfolio.

Electrical Test

Premier offers multiple test platforms for component testing and wafer probing a wide range of products including; analog, digital, mixed-signal and memory devices. Operating on a 24 hour/7 day schedule, Premier can provide ambient, hot and cold temperature testing, electrical device characterization, hardware and software engineering support and development services. Custom full parametric characterization reports are also available as an additional option. BGA, QFP, PLCC, SOIC, DIP and other package types are supported on state-of-the-art handlers for both production and engineering test requirements. Wafer probe of either single or multiple die, off-line inking and wafer mapping up to 8" wafers is also available in a clean room environment. Test documents may include pass/fail, yield, bin-out categorization and wafer map results. Secure fire-wall protection is provided for all data summaries and program files. Premier offers qualification testing to automotive, military and commercial test standards. Test platforms include but are not limited to: Credence, HP and Eagle.

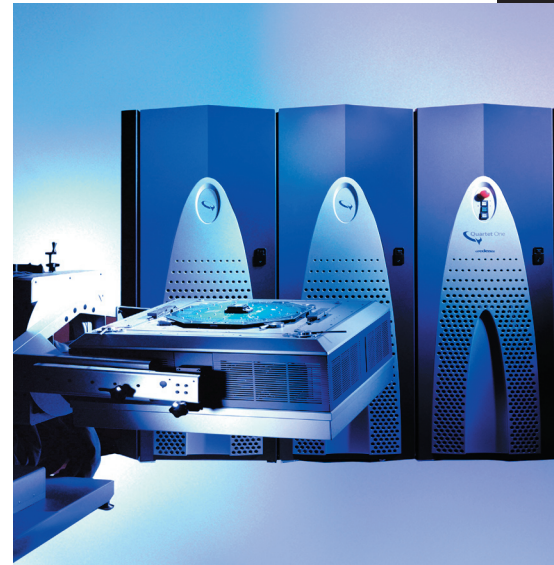


Photo courtesy of Credence

Burn-In Services

Premier offers 24 hour/7 day operation of burn-in services using Delta V and Criteria burn-in systems with 48 channel drivers with 2MB vector-driven deep memory, current and voltage read-back/monitoring features per system, and real-time scanning and logging controls. Engineering support services are available for development of software and hardware.

IC Programming

Premier's comprehensive programming services support virtually all package outlines and product types including Microcontrollers, Flash, EEPROMs, PLDs, OTPs, CPLDs and FPGAs. Programming platforms include but are not limited to BP Microsystems and Data I/O. Our equipment includes automated tube-to-tube and tray-to-tray handling along with customized IC labeling, ink dot, ink and laser marking. Premier's 3D lead inspection and lead straightening capabilities guarantee accurate placement of your programmed devices onto circuit boards. To ensure 24-hour cycle time for first article items and quick turnaround for prototype orders, Premier utilizes an electronic data file transfer process. To get your product to market faster, turn to Premier for your material management and procurement needs. Our experts search inventory availability of programmable devices on your bill-of-material, purchase parts, create first article samples, maintain inventory levels and release orders per your JIT production schedule; all as an added Premier advantage to save you money and provide extra convenience, support and flexibility.



PREMIER SEMICONDUCTOR SERVICES, LLC/LP
US HEADQUARTERS - TEMPE, ARIZONA
TEL 480-736-1970 FAX 480-736-1971
EMAIL sales@PremierS2.com
www.PremierS2.com www.PremierTest.com

