Few industries need to manage the health of their electrical power infrastructure as diligently as semiconductor manufacturers. Not only do they have extraordinary electrical power requirements, but the slightest fluctuation can result in millions of dollars of damage to expensive in-process product.

That's why leading semiconductor manufacturers rely on Power Analytics' Paladin® family of products: to gain complete confidence that their electrical power infrastructure will perform as designed, without interruption, whatever the circumstances.

With our Paladin® DesignBase™ products, users can simulate, understand, and re-engineer how their entire electrical infrastructure will respond in the event of unexpected faults or routine system maintenance. Potential design problems are engineered out, and both emergency and maintenance procedures can be tested until they are perfected.

Once a design is "Perfect on Paper," our on-line Paladin® Live™ software platform can be deployed to detect variations between "as-designed" specifications and actual electrical system performance... enabling it to accurately predict potential points of failure and ensure that facilities operate as they were designed to, down to the smallest component.

Power Analytics products meet the standards established by the International Standards Organization (ISO), the American National Standards Institute (ANSI), the Institute of Electrical and Electronics Engineers (IEEE) the Nuclear Regulatory Commission (NRC), Department of Defense (DoD), NATO, Det Norske Veritas (DNV), and other standards bodies worldwide.

## Representative Customers

- Hyundai
- Intel
- SilTerra
- Texas Instruments