



**POWER ANALYTICS**

*Foresight as accurate as hindsight.*

**Paladin®**

Power Analytics Solutions for Petrochemical Producers

From the oil rig to the refinery, uninterrupted electrical power is what keeps today's petrochemical facilities operational... and unexpected power problems can cause production disruptions that are measured in the millions of dollars.

That's why **the world's leading petrochemical companies** rely on Power Analytics' Paladin® family of products at some point in their exploration, drilling, and refining operations: 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

- ABB Offshore systems
- Aker Kvaerner
- British Petroleum (BP)
- CH2M Hill
- China National Petroleum Corporation (CNPC)
- China National Offshore Oil Corp. (CNOOC)
- Constain Oil & Gas
- ELF
- ESSO
- ExxonMobil
- Huntsman Corporation
- Owens Corning
- Petronas
- Philips 66
- Shell Oil
- Sinopec