



POWER ELECTRONICS WILL DEVELOP A NEW INTEGRATED PLATFORM FOR THE SAFE MANAGEMENT OF CRITICAL INDUSTRIAL INFRASTRUCTURES

The main goal of "CERBERO: NEW INTEGRATED PLATFORM FOR THE SAFE MANAGEMENT OF CRITICAL INDUSTRIAL INFRASTRUCTURES" is the research, development and implementation of a secure, interoperable and robust system architecture for the Smart Grid, and its application to a generation plant composed of photovoltaic inverters.

The project aims to face the challenges in the energy generation marketplace, with a growing availability of renewable energy sources of a decentralized nature and the need to integrate an increasingly complex ecosystem of actors (from energy producers to consumers, third parties and service integrators).

The great evolution that ICTs have experienced in recent years will be used to design an architecture that guarantees a high degree of connectivity and interoperability, confidentiality and integrity. The platform will also allow multi-investor management and security management in the plant.

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