



INTRODUCES HIPS

HIGHLY INTEGRATED PROTECTION SYSTEM

Rock Creek Innovations is proud to introduce the HIPS Platform. The HIPS Platform is a simple analog and digital logic based system.

The HIPS Platform is comprised of just four module types. The four module types can be interconnected to implement a single discrete safety channel or a full reactor protection system (RPS) consisting of many discrete safety channels across multiple divisions.

The analog and digital logic based system takes advantage of the well proven analog safety channel approach of existing protection system architectures while also taking advantage of digital logic to provide comprehensive diagnostics and self-testing capabilities.

The United States Nuclear Regulatory Commission (U.S.NRC) has reviewed the HIPS Platform and determined that the four HIPS Platform modules and their design features can be configured to meet the fundamental DI&C principles of independence, redundancy, predictability and repeatability, and diversity and defense in depth. The U.S.NRC has concluded that the HIPS Platform is acceptable for use in safety-related I&C systems.

Contact us at Rock Creek Innovations to learn how the HIPS Platform can offer solutions to your protection system obsolescence issues by replacing a single safety channel, a complete division of safety channels, or a full replacement of your protection system. The HIPS Platform offers many options for management of your protection system obsolescence.