Effective management of your project

Planning a large grassroots/greenfield project requiring multiple contractors? Wood has both the experience and the proven capabilities to manage your project and all of its complexities. As a Main Automation Contractor (MAC), we provide guidance and oversight to safely and successfully complete your project within budget and on schedule. We are proud to offer:

- Independent vendor selection and technology implementation
- Smooth integration of team members across all disciplines
- Global resources to facilitate execution interfaces
- Proven project management systems to assure cost-effective results

Remote instrument enclosures and panels

Another facet to the broad Wood automation and control offering is our Remote Instrument Enclosure (RIE) expertise. Modular and fit-for-purpose, the RIE is constructed for housing pre-configured control and monitoring equipment at the process facility. These versatile units are fabricated, integrated and staged under our supervision. The RIE is easy to hook-up, minimizing time, improving safety and averting cost overruns.

Global Locations

- United States
- Argentina
- Australia
- Canada
- Chile
- India
- Mexico
- Norway
- Peru
- Saudi Arabia
- Slovakia
- United Arab Emirates
- United Kingdom

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Ref: 170188
Solutions that add value

Wood is different from other automation and control solutions providers. In addition to being a leading provider of design, engineering and integration services, we are vendor-independent. Our extensive industry and systems experience allows us to assure customers that they have the most appropriate software and hardware for their project’s success. With our robust project management systems, precision tools and the global support of Wood, we can handle any project, large or small, as your turn-key source from concept through commissioning.

Our life-cycle automation and control solutions have been proven in a broad range of industries:

- Power generation
- Pulp and paper
- Refining
- Chemical/petrochemical
- Oil and gas
- Mining
- Pharmaceutical
- Renewables
- Water and utilities
- Pipelines
- Renewables
- Pharmaceuticals
- Life sciences

Safety is paramount

Our automation and control capabilities bring innovative solutions to benefit our clients and ensure safety in execution. We work closely with your Process Safety Management (PSM) requirements, delivering functional safety audits, HAIZOPS/LOPA, system reliability studies, and design audits.

Recognized systems integration expertise

Wood is a repeat winner of the prestigious System Integrator of the Year award, a Control System Magazine Hall of Fame member, and a globally recognized integration provider. Our complete skill set, technical expertise and customer satisfaction have consistently made us the leader in both new systems implementation and legacy upgrades. We combine powerful technical teams with vendor-independence to create cost effective and lasting solutions.

Process safety and assurance

Our process safety and assurance capabilities are founded on extensive experience designing, developing and deploying process control and safety systems for a global customer base. We can deliver solutions for new facilities and upgrade existing systems. Our strength lies in converting high level functional safety philosophy into a well-defined scope of work while breaking down the silos to effectively manage risk.

Human factors and Abnormal Condition Management (ACM)

Wood has a team of automation professionals knowledgeable in Human Machine Interface (HMI) design and ACM principles that align with the International Society of Automation (ISA) and industry best practices. Our team follows a proven work process for HMI design and alarm management from concept through commissioning that ensures both quality and repeatability.

Control systems

We are the largest vendor independent systems integrator in the world. This means we are capable of working on control systems of any size and complexity. Whether it is a large Distributed Control System (DCS) or a small Programmable Logic Controller (PLC), our automation professionals draw from a broad experience base and can assist during any stage of the project life cycle to assist in platform selection, design and estimation or commissioning.

Safety Instrumented Systems (SIS)

Our experienced team is capable of working on any safety system ensuring the quality and reliability our customers have come to expect. Independent validation teams ensure rigor and automated testing tools increase efficiency while adhering to industry best practices.

Subject matter expertise

Wood is able to provide exceptional services in many areas within automation. This is made possible by our Subject Matter Experts (SMEs) embedded throughout the automation service line. They are charged with staying up to date with industry best practices and technical innovation. We are proud to have members recognized in the industry including a Fellow and voting members of the ISA.