



SmartPlant® Foundation

Unifying Plant Data and Teams Across the Lifecycle for Better Collaboration and Insight

Information is the basis for real-time decision-making. Engineering data is abundant, dynamic and complex. Keeping it current, synchronized and accessible throughout the plant lifecycle is a constant challenge -- whether during design, construction, commissioning or operations.

SmartPlant® Foundation (SPF), Hexagon's solution for plant information management, ensures secure access to all plant data including engineering designs, vendor data, purchase orders, RFQs, specification sheets and supporting documents. SPF enables rapid, accurate design and operational decisions from complex data sets. Business intelligence features provide key performance indicators, reports and metrics within an intuitive user experience -- no complex data mining required.

As the foundation of Hexagon's information management solutions, SPF is the world's most widely deployed engineering information management platform for complex industrial facilities. It offers modular user experiences based on typical work processes, ensuring valid, consistent and high-quality engineering data is shared between applications and delivered when and where users need it.

Information Integrity

It's necessary that engineering design integrity be consistent and accurate across three areas:

- **Physical Asset Information:** What exists?
- **Logical/Functional Information:** What was designed?
- **Regulatory/Safety Imperatives:** What must be there?

SPF complements Hexagon's design tools and acts as a data exchange hub between Intergraph Smart® 3D, Smart P&ID, Smart Instrumentation, Smart Electrical and Smart Materials.

SPF also powers:

- SmartPlant Enterprise for Owner Operators
- SmartPlant Enterprise for EPCs
- SmartPlant Fusion

Key Capabilities

Collaborative Engineering – Supports collaboration between companies and supply chains, controlling access and updates, notifying stakeholders of changes and maintaining a complete action history. SPF builds a comprehensive repository of plant structure, tags, equipment and documents, increasing data integrity. The zero-footprint web client enables access to data anywhere on any device.

The web client supports creation, updates, viewing and markup of engineering data. Intelligent navigation across 3D models, schematics, laser scans and documentation via the InfoMap feature enables earlier collaboration, faster decisions and higher quality. Users can explore tags, documents and structures through an interactive interface.

Improved Information Integrity – Tracks status and details of changes (i.e., engineering, vendor data, purchasing, maintenance), highlights affected items and manages electronic delivery of work items to workflows and revisions, with a full audit trail.

Flexible Information Access – Multiple interfaces serve a wide range of users. The web interface offers intuitive, role-based access using familiar terminology and tools. Advanced configuration is available via a desktop client. Security is elevated and remote users can operate with less training and IT overhead.

Streamlined Work Processes – Out-of-the-box workflows can be tailored to your business needs, standardizing issue routing, approvals and accountability. Tasks are delivered to the right personnel with full visibility and traceability.

No other product matches this flexible, comprehensive information management scope with modular deployment.

Benefits

- **Collaboration** – Seamless across the value chain and systems
- **Data Accuracy** – Reduces errors and supports rapid, informed decisions
- **Secure Repository** – High-integrity auditable project and facility information
- **Quality Improvement** – Higher quality handover from execution to operations
- **Information Accessibility** – Faster, easier access by query, drill-down, navigation or full-text search
- **Remote Review** – Portal access speeds plant startup and smooths operations
- **Engineering Content Management** – Proven control of documents, drawings and supplier exchanges
- **Application Integration** – Unmatched, enhancing quality and shortening schedules
- **Information Source Consolidation** – Cuts costs and errors by unifying sources

Deployment Flexibility

Deploy SPF on-premises for full IT control or as a Hexagon-hosted SaaS solution for cloud scalability, lower infrastructure costs and faster value.

Get Started

Ready to improve information integrity, collaboration and lifecycle visibility? [Contact us](#) today to learn more about how SPF can support your project and facility goals.

About Hexagon

Hexagon is the global leader in precision technologies at any scale. Our digital twins, robotics and AI solutions are transforming the industries that shape our reality.

[Hexagon's Asset Lifecycle Intelligence division](#) helps clients design, construct, and operate more profitable, safe, and sustainable industrial facilities. We empower customers to unlock data, accelerate industrial project modernization and digital maturity, increase productivity, and move the sustainability needle.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 24,800 employees in 50 countries and net sales of approximately 5.4bn EUR. Learn more at [hexagon.com](https://www.hexagon.com) and follow us [@HexagonAB](#).