SkyeITS
Your Vision is Our Mission

CAPABILITIES

Engineering Information Management

Contextualizing engineering information for simplifying your engineering processes

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Disrupting conventional approaches digital transformations are creating new pathways and opportunities for engineering organizations. SkyeITS Engineering Information Management (EIM) solutions are focused on engineering a digital tomorrow, providing intelligence for informed decisions.

Understanding our clients digital needs we support in digital strategy formulation, identification and evaluation of technologies, assist in identification and management of digital projects. With expertise in implementation across multiple technology platforms we provide end to end solutions including supply, installation, and maintenance.

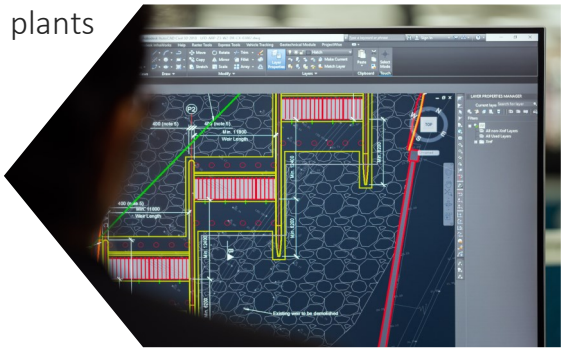
Our asset digitization, asset management, product engineering and consulting services are focused on addressing the emerging customer needs across the engineering lifecycle.

Asset Digitization Solutions

Transform real-world assets in digital-twins to unleash the untapped potential

Information for crucial business decisions must be trustworthy, retrievable, and relevant. In today's world need for data to be consistent, accurate, and comprehensive is more than ever to ensure timely interventions, predictive forecasting, and reliability-centered operations. SkyeITS's Asset Digitization Solutions help you with creation of digital asset and digitization of engineering data in greenfield, brownfield and existing plants covering:

- Asset Digitization
- Asset Information Management
- Digital Handover
- Smart P&ID
- 3D Engineering/ BIM / 4D/5D Simulation
- Engineering IT Services



Asset Management Solutions

Improving reliability and availability for advancing your business performance.

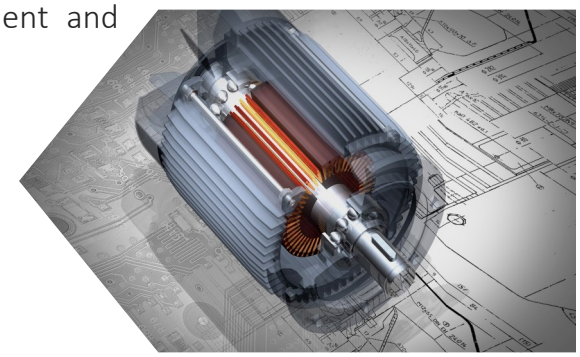
By coordinating the various aspects of asset lifecycle management, such as reliability, maintenance, inspections, and information management, increases the availability and dependability of physical assets. Using a digital thread throughout the asset lifecycle, maximize the performance of physical assets within their operating ecosystem. SkyeITS's Asset Management Solutions assist you with data integration, analytics and use of latest technology to provide operational and maintenance improvement solutions. These cover :

- Asset Performance Management Solutions
- Industry 4.0 Advisory Solutions
- IT OT Integration
- Mobility & Digital Workforce Solutions
- Data Dashboarding & Visualization

Product Engineering Solutions

Helping you to stay ahead with innovative product engineering

To stay ahead in business need for transformational products is ever increasing. Need for product engineering solutions from concept through development using cutting edge technologies and frameworks at reduced costs and faster turnaround times becomes paramount. SkyeITS's Product Engineering Solutions assist you with product engineering, analysis for complex equipment in plant environment and special 'one of its kind' projects. These cover:

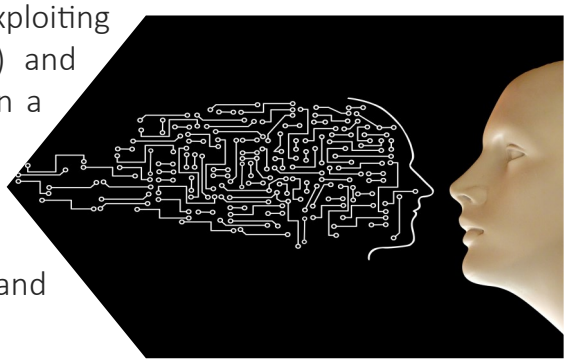


- New Machine Development
- Machine Localization
- Machine Component Development
- Design Validation
- FE/ CFD Analysis
- Special Projects

Digital Twins

Enabling digital engineering transformation to meet human imagination.

Data driven representations are reshaping engineering transformations and helping organizations to work in new and unexplored ways. Taking CAD models to next level, digital twin solutions offer virtual tools for modelling system dynamics, monitoring systems, assets and resources while harnessing real-time data from multiple sources to drive performance. By integrating with real-time sensors and devices and exploiting advanced technologies like artificial intelligence (AI) and Machine Learning (ML) our solutions help you to gain a competitive edge. These cover:



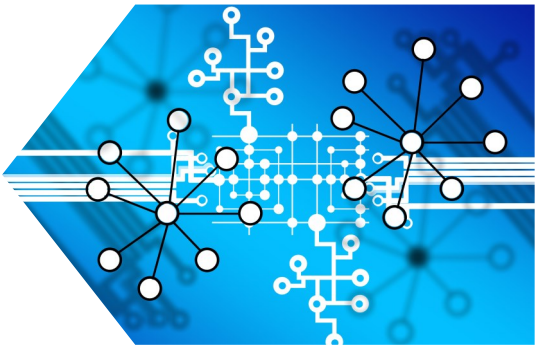
- Design, development, and maintenance of spatially intelligent Digital Twins
- Modeling, simulation of engineering systems and predictive analytics
- Automation and operations optimization

Consulting

Maximizing your engineering human capital by assisting you to do more with less.

SkyeITS HR consulting solutions assist you in augmenting skilled resources for your organization. Our technology consulting and managed services are designed based on international best practices with an intent to assist organizations in embracing appropriate technology solutions and maximize their technology ROI.

Our resource augmentation solutions are focused on staffing and human resource outsourcing in niche engineering segment at senior, middle and entry levels. Inhouse production and delivery competence gives SkyeITS an edge in up-skilling and mentoring vis-à-vis the industry specific requirements. With a good understanding of the local culture and ethos and their impact in professional working environments, we strive to fulfil the resource augmentation through our offices located in USA, Canada, Middle East and India. Our consulting solutions cover:



- Technology Staffing
- Technology Implementation
- Managed Services

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SkyeITS is a spatial solutions company with an endeavor to assist organizations to succeed in their digital transformation journey, in particular by helping them to harness the power of spatial.

Thinking spatially, through a collaborative approach, we partner with organizations to support optimization of their business processes by rapidly deploying technology that leverages best-of-breed at an affordable cost. Through a process centric approach, our delivery excellence model leverages our global experience and expertise for providing technology solutions that yield better outcomes. Working closely with organizations our efforts are targeted at understanding specific business needs and technologically empowering them to take informed decisions towards reducing costs, improving efficiencies, and enhancing technology ROI.

Founded in 2010, SkyeITS is headquartered in New Jersey USA, with regional offices in Canada, India and Qatar and global research & development (R &D) center in India.

Our Global Headquarters Sky E IT Solutions Inc., 5 Independence Way, Suite 300, Princeton, New Jersey – 08540, USA.

Our Regional Offices : Ontario, CANADA , Hyderabad, INDIA, Doha, QATAR

Our R&D Center : Hyderabad, Warangal, INDIA

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