

Product Engineering

OVERVIEW

- Comprehensive services from conceptual design to manufacturing transition
- Sustenance engineering services for mature and sunset products
- Quality standard and regulatory compliance services

Concept-To-Production Services

Mindteck's Product Development Lifecycle Services in the area of embedded systems offer end-to-end development including design, development and implementation of both software and hardware with packaging and commercialization support. We offer product development, migration, reengineering, and reverse engineering services to help leverage contemporary hardware and software platforms with a view to feature-enrich and extend product life spans.

Solution Matrix

Our product engineering solutions include:

- Product Development Lifecycle Services spanning the entire product life cycle from conceptual design to manufacturing transition and post-production support
- Multiple global teams to map customer needs, time-to-market requirements, and desired product capabilities, features, and functions
- A well defined and phased project management framework
- Embedded software development and hardware engineering performed concurrently
- Total assistance in complying with quality standards and regulatory approvals
- Comprehensive verification and validation testing of both hardware and software components
- Full manufacturing documentation and a completely installable software release, ensuring smooth transition to production
- Product sustenance engineering services including bug fixes, enhancements, and maintenance and release management for mature and sunset products
- Global delivery capabilities

Industries and Customers

We offer product engineering services to Fortune 500 companies, multinationals, and small and medium enterprises across industries.

INDUSTRIES

- Test and Measurement
- Semiconductor Equipment Manufacturing
- Wireless
- Medical Equipment
- Storage

CASE STUDIES

- Developing a 2.4 GHz, wireless measurement system for collision-repair industry
- Developing a Wireless LCD device for power monitoring

Visit the case studies section on www.mindteck.com to read about these and other success stories.

About Us

Mindteck is a global IT services company providing a range of solutions that enhance customers' business performance noticeably. Our focus areas are:

- Embedded Systems
- Enterprise Consulting – SAP
- IT Services

Mindteck is an ISO 9001:2000 and ISO 27001:2005 assessed, SEI CMM level 4 certified company. With a presence in USA, UK, India, Bahrain, Singapore and Malaysia, Mindteck has a truly global reach.

Our state of the art development centers in India and Singapore are well equipped with latest technologies for enterprise-wide communication and networking, productivity, collaborative software engineering, and distributed project management.

Why Mindteck?

OPERATIONAL EXCELLENCE

Quality is a way of life at Mindteck, touching every process, interaction and deliverable. Our metrics oriented approach helps us to achieve high operational efficiency. Comprehensive knowledge management and software best practice frameworks are in place benefitting customers. The iterative development approach and incremental release strategy ensure end products' compliance with customer specifications, on-time deliveries and phase containment.

GLOBAL RESOURCE ARBITRAGE

Harnessing multi-site development centers, exceptional local talent, and proven processes and methodologies, Mindteck's global delivery model ensures lowest possible total cost of ownership.

TIME AND COST SAVINGS

Competitive costing and time-to-market efficiencies are certainly key drivers in every global partnership. Engaging Mindteck in their R&D efforts, global companies have authored a string of success stories in cost containment and releasing products into the market on time.

RELATIONSHIP MANAGEMENT

Long term focus and collaborative working are key elements in our relationship management. Ethics, trust, and transparency are the cornerstones of our relationship management framework.

Related Services

- Embedded Software Development
- Electronics Design
- Verification & Validation
- ZigBee Design Services

Office Locations

United States of America

California New Jersey
Texas North Carolina

Europe

London

Middle East

Bahrain

India

Bangalore Kolkata

ASEAN

Singapore Malaysia

For more information write to

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If you would like to contact a customer manager in any of the above locations, visit Mindteck worldwide page at: www.mindteck.com