

Invented for life



ACCELERATING TO A CONNECTED WORLD WITH BOSCH



From creating innovative business models to bringing digital transformation to the forefront of business, Bosch Software & Digital Solutions aims to help reimagine the future with custom solutions that **anticipate tomorrow's business needs today.**

To address the ever-changing business needs, we are focusing on three pillars to help enterprises with an opportunity to create improved products & services which are closely aligned with the needs of their customers.





Resilience represents not just an opportunity to mitigate risk but a competitive advantage for enterprises that choose to focus on it.

How does Resilience bring you success?

Sourcing



Partner Engagement



Reduced loss of revenues



Increased profitability

Engineering



Improved employee engagement

Manufacturing



Reduced overheads



Faster capex returns

Delivery



Partner Delight



Brand Affinity



Increased revenues



Higher profits

Digital systems to create future-proof businesses

Sourcing



Digital Supply Chain Solutions



ERP Integration Across Value Chain

Engineering



Smart ERP Services



AI-powered intelligent decision systems

Manufacturing



Automated supply to production management systems



IoT & AI-enabled Quality Platforms

Delivery



CX Design & Engineering Services



E-commerce Ecosystem Engineering



Connected Delivery Chain Solutions





While building a profitable business is a challenge, running a sustainable business can also be tough. But if we rethink and re-imagine possibilities, we can achieve both.

How does Responsibility bring you success?

Sourcing



Partner Engagement



Increased partner profitability

Engineering



Improved employee engagement

Manufacturing



Faster capex returns



Increase in profits

Delivery



Partner Engagement



Increased profitability



Achieve sustainability goals faster

Digital systems to create truly sustainable businesses

Sourcing



Sustainability Consulting Services



Digital Supply Chain Solutions



ERP Integration Across Value Chain

Engineering



Smart ERP Services

Manufacturing



Smart Sustainability Solutions

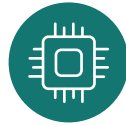


Connected Factory Solutions

Delivery

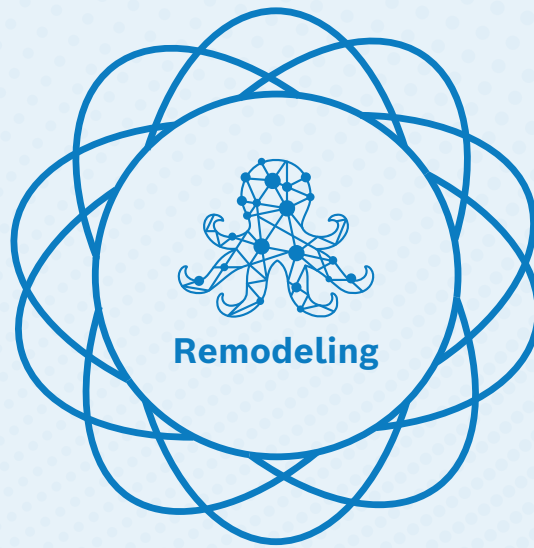


Bosch Blockchain Solutions



Bosch Phantom Platform





Reimagining business models requires a fundamentally different business model that embraces complexity, uncertainty, interdependence, systems thinking, and a multi-timescale perspective.

How does Remodeling bring you success?

Sourcing



Partner revenue increase

Engineering



Inspired people

Manufacturing



Reduced overheads

Delivery



Higher profits



Faster capex returns



New revenue streams



Increased brand affinity

Digital systems to create new digital business models

Sourcing



Digital Supply Chain Solutions

Engineering



IoT Engineering Expertise

Manufacturing



IT-OT Connectivity With ERP

Delivery



Connected Delivery Chain Solutions



Smart ERP Services



14.0+ Solutions & Services



E-commerce Ecosystem Engineering



Cloud-led Infra Services



CX Design & Engineering Services



Bosch - A Globally Trusted Partner

Did you know?



ISG Services recognized Bosch SDS as a leader in IoT services.

With over a decade of experience and diverse multi-skilled teams working together as a globally dispersed team, Bosch SDS aims to scale innovation through digital transformation using a broad array of cutting-edge & customized offerings.



Bosch Software & Digital Solutions

With our unique ability to help build “businesses of the future,” we bring forth solutions that help decode the fast-evolving digital ecosystem.



IoT Connected Solutions

We unlock the value in IoT solutions for the consumer domains by developing an ecosystem of services that open new value streams. Moreover, we aim to offer opportunities for businesses to differentiate themselves in the market & make internal processes more efficient.

- ✓ Enabling Cradle-to-Cradle Sustainability
- ✓ Enhanced Inventory Management
- ✓ Supply Chain Excellence
- ✓ Accurate Demand Forecast
- ✓ Manufacturing & Operational Efficiency



Testing Solutions & Services

Testing Technology at Bosch offers customized services & solutions to accelerate the market readiness of innovations across industry sectors for all requirements to ensure optimal safety & compliance for your products.

- ✓ Verification and Validation Services
- ✓ Custom Test Equipment
- ✓ Jigs & Fixture Noise Vibration Harshness
- ✓ Reliability & EMI/EMC Validation Services



Sustainability Solutions

We firmly believe that sustainable, ecological, and socially responsible action is the foundation of your business. This is reflected in our solutions at all levels to contribute to a sustainable tomorrow.



Phantom Edge

A powerful combination of sensors, software, and services, Bosch Phantom Edge is a non-intrusive, AIoT-based asset and energy monitoring solution that derives valuable insights to keep you informed about energy savings and sustainability goals.

Features:

- ✓ Non-intrusive, AI@Edge, Cloud-based
- ✓ Real-time view of electrical energy consumption
- ✓ Granular asset-specific insight

Benefits:

- ✓ Help in improving sustainability and productivity metrics
- ✓ Improve asset productivity
- ✓ Meet your sustainability goals



Autotrace

This is an intelligent & comprehensive solution that leverages the power of blockchain to enable a circular economy in manufacturing & industrial sectors.

Features:

- ✓ Enable a circular economy
- ✓ Carbon emissions tracking
- ✓ Anti-counterfeiting
- ✓ Material composition tracking

Benefits:

- ✓ Meet your sustainability goals
 - ✓ Create complete supply chain traceability
 - ✓ Ease regulatory compliance
 - ✓ Flexible integration models
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TrueFood+

Food safety and security are two complementing elements of our sustainable future. We aim to align food safety and security to achieve sustainability using a blockchain solution that enables end-to-end supply chain transparency, and provenance, driving sustainability by combining the power of AI, IoT & blockchain.

Features:

- ✓ Minimize reputational losses by preventing counterfeits
- ✓ Transparent farmer remuneration & incentivization for implementing ethical practices
- ✓ Increased trust in animal stock exchange & trading by creation of a data marketplace
- ✓ Better supplier compliance monitoring

Benefits:

- ✓ Reduction in operational costs by automation of physical contracts
 - ✓ Substantially reduce direct costs per incident due to food recall
 - ✓ Increased customer satisfaction with transparent provenance & freshness tracking
 - ✓ Increased effectiveness of sustainability communication by providing insights from across the value chain
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Deepsights

An advanced sustainability platform for industrial & manufacturing sectors that enables enterprise-wide accountability, and transparency, thus promoting sustainable value creation through a five-step analytic framework.

Features:

- ✓ Energy & utilities management
- ✓ Condition-based monitoring
- ✓ Enterprise digital strategy for energy & utility
- ✓ Advanced analytics

Benefits:

- ✓ Up to **30%** cost reduction
- ✓ Up to **20%** gains in utility productivity
- ✓ Up to **90%** reduction in utility management reaction times
- ✓ Up to **30%** extension in asset's useful life
- ✓ Dynamic ticket handling capacities for business agility
- ✓ CO2 neutrality acceleration across the enterprise



Industry 4.0+ Solutions

Our I4.0+ solutions can facilitate smart, connected manufacturing for your enterprise to give your business that competitive advantage. Ever-evolving to changing business environments, our solutions will also take you on the journey towards Industry 5.0.

- ✔ I4.0+ Advisory
- ✔ IT-OT Convergence
- ✔ Connected Manufacturing
- ✔ Connected Supply Chain
- ✔ Connected EHSS



Digital Infrastructure Services

We leverage our vast experience, network and expertise to enable cloud adoption, ERP solutions and CX solutions the right way and help simplify business processes to redefine the world of tomorrow.

Our solutions in partnership with Microsoft, AWS, Google and SAP are deployable across domains, designed to help businesses across functions and deliverable at a global scale.



ERP Services

Intelligent ERP systems at Bosch helps implement intelligent ERP systems that are designed of a growing organization and its customers to improve agility & simplify processes.



Advisory & Consulting

This encompasses best practice advice for a range of business problems & includes:

- ✔ Process mining
- ✔ Roadmap planning
- ✔ Landscape transformation



Implementation

This process includes deployment with an aim to transform the core of the enterprise, digitally & includes:

- ✔ RISE. MantHANA
- ✔ Digital Core Transformation



Functional Transformation

It touches upon important aspects that run an enterprise, including:

- ✔ Supply chain
- ✔ Manufacturing
- ✔ Finance
- ✔ CX



Maintenance & Support

We ensure enterprises have all the support needed to upgrade their system & fix any problems & it includes:

- ✔ Enterprise application
- ✔ Support
- ✔ Developments & migration
- ✔ Development centers



Cloudification

Cloudification services at Bosch enable enterprises to focus on those business aspects that differentiate them from the competition, enabling greater efficiency & profitability.

- ✓ Cloud Advisory
- ✓ Build & Migrate
- ✓ DevOps & Automation
- ✓ Cloud Governance & Security
- ✓ Managed Services
- ✓ Modern Integration Services



CX

Customer-centricity is at the core of everything we do. We leverage next-gen tech enablers such as AR/VR, Analytics, NLP, AI/ML, Big Data to create transformational CX for your business. In partnership with industry leaders like Microsoft, SAP, Salesforce and Tacton, our solutions are designed to transform your customer engagement at all levels ranging from business functions (sales, commerce, marketing) to engagement (content personalization, customer profiling) to experience (digital touchpoints, market reports, buying patterns)

Benefits:

- ✓ Increased brand awareness
- ✓ Better customer retention
- ✓ Improved brand perception
- ✓ Seamless, enhanced CX



Healthcare Products & Services

Connected healthcare is becoming increasingly important now more than ever & there is an urgent need to increase the responsiveness and capacity of healthcare systems. Our globally trusted healthcare products & services enable you to transform your business into a futuristic healthcare offering & help unlock the power of connected and integrated healthcare.

Products



Vivalution

An advanced AI-powered pathology enabler that captures, digitizes, and interprets cell morphological structures of a bio sample with error-free reporting in less than 15 minutes

Features:

- ✓ Auto-focusing & high resolution image capture
- ✓ Digitization of bio samples on a glass slide
- ✓ Internal on-device storage of up to 1k slides info
- ✓ Quick turnaround time of <15 mins per slide
- ✓ Inbuilt battery enabling 6+ hrs of operations

Benefits:

- ✓ Reagent-free analysis
- ✓ Efficient utilization of resources
- ✓ Enabling remote diagnostic work
- ✓ Reduction of manual load leading to increased efficiency
- ✓ Force multiplier connecting satellite centers to hub centers



Vivaray

An AI-powered hemoglobin monitoring solution that enables rapid hemoglobin testing through a non-invasive approach delivering results in <30 seconds.

Features:

- ✓ Portable & handheld device
- ✓ Easy & convenient to use
- ✓ Machine learning algorithm
- ✓ Anemia classification, hemoglobin value prediction

Benefits:

- ✓ Screening from anywhere, anytime
- ✓ Population health management with clinical traceability
- ✓ Safe screening through non-invasive approach
- ✓ Efficient mass screening especially in low socio-economic scenarios
- ✓ Digital health records with analytics-based reporting



Vivasuite

A cloud-enabled connected health solution to connect, manage and analyze device and clinical data. Vivasuite enables you to manage and visualize clinical data by providing a unified connectivity experience, thus reducing errors and enabling quality healthcare delivery.

Benefits:

- ✓ Secured platform which is GDPR and HIPAA compliant and built on Bosch IoT suite
- ✓ Scalable with potential to connect to unlimited devices
- ✓ Expandable and flexible across device types and platforms
- ✓ Seamless and improved engagement with provider, manufacturer and distributor

Bosch's suite of Digital Healthcare services

Telemedicine

- ✓ Virtual care delivery solution
- ✓ Patient reported outcomes
- ✓ Clinical workflow management

Patient Monitoring

- ✓ Medical device integration
- ✓ Device IoT enablement
- ✓ Insights using analytics

Patient Engagement

- ✓ Wearable-based tracking
- ✓ Lifestyle management
- ✓ Interaction via gamification

Device Engineering

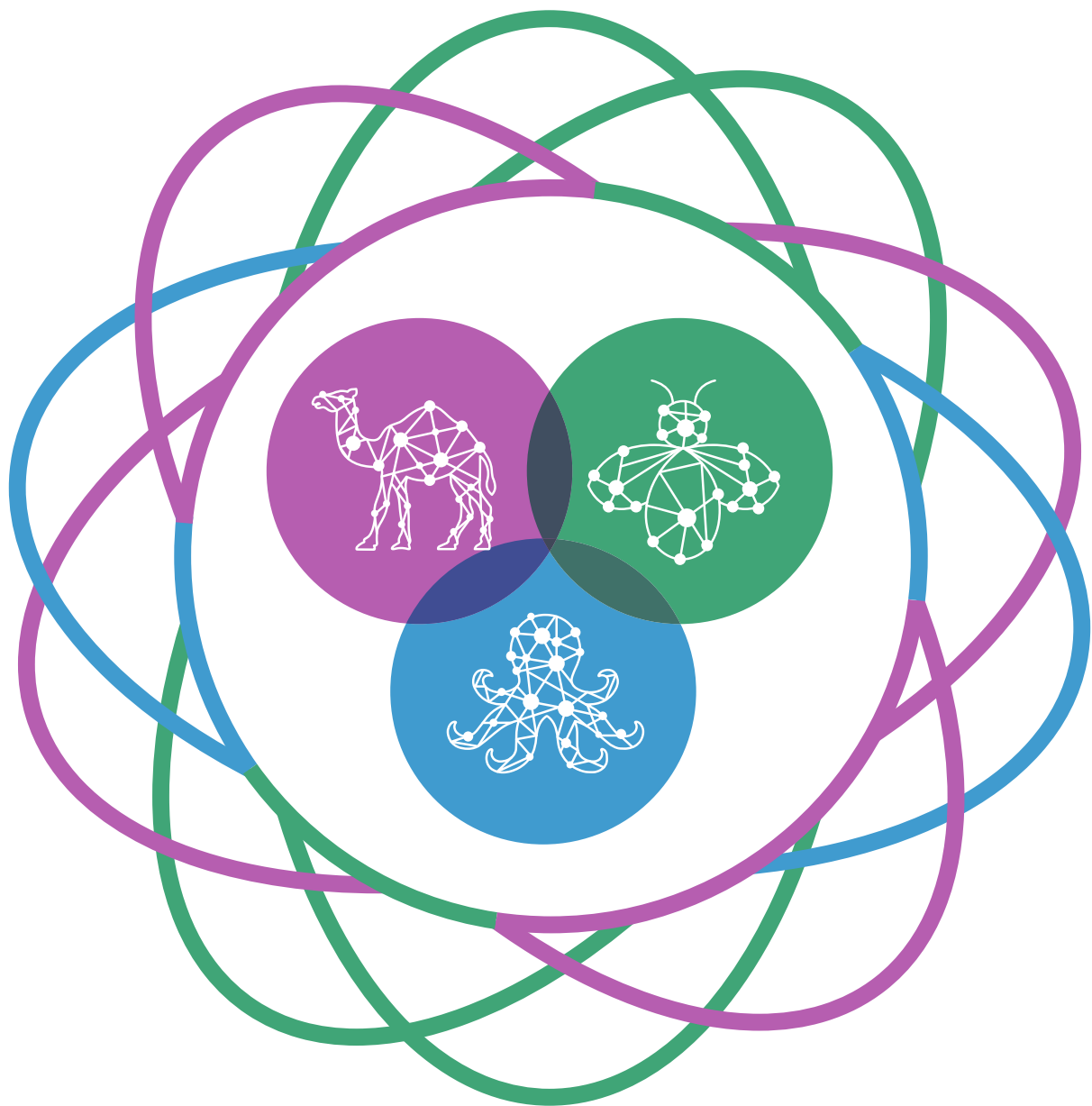
- ✓ Edge computing
- ✓ Firmware solutions
- ✓ Human machine interfacing

Integration

- ✓ Device data integration
- ✓ Clinical data integration
- ✓ Patient 360

Device Management

- ✓ Device provisioning
- ✓ Remote device monitoring
- ✓ Firmware-over the air



About Bosch Software and Digital Solutions:

Bosch Software and Digital Solutions (Bosch SDS), an integral part of the Bosch Group is a global provider of engineering and IT services in the areas Connected Enterprise, Connected Products and Connected Healthcare. Led by a vision of strong customer centric approach amongst enterprise customers, SDS is tasked with winning and delivering large and strategic projects in software and digital services for the Bosch Group. SDS's aim is to "Accelerate the Digital World" for its customers, by enabling them to achieve shorter product development cycles, improved operational efficiencies, great customer experiences and new business models with our solutions, services and products. Bosch SDS is headquartered in Bangalore, India and operates in the North America, Japan, Europe and Asia Pacific markets through a network of on-shore, near shore and off-shore delivery centers.

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