

MOSCHIP®

DigitalSky™

Building Connected Intelligent Enterprises

www.moschip.com

Transform Your Enterprise with Seamless Connectivity and Intelligence

In today's fast-paced digital landscape, the ability to adapt, innovate, and evolve with emerging technologies is crucial for enterprises striving to maintain a competitive edge.

Merely connecting systems is no longer sufficient. To truly thrive, every aspect of your enterprise must be enriched with intelligence. The enterprises that succeed in this environment are those that don't just embrace technology, but deeply understand their personas - customers, employees, and partners and empower them through contextual intelligence. This approach ensures that every experience is not only relevant but also drives measurable, tangible success.

Through MosChip® DigitalSky™, we offer a comprehensive suite of digital solutions aimed at transforming your enterprise into a connected and intelligent entity.

Our focus is not just on integrating systems and reducing the chasm between products, IT, and operations; it's about embedding intelligence into these core functions, and enhancing the productivity, operational effectiveness, and stakeholder experience through domain-centric persona-driven intelligence.

Elevate your digital journey with MosChip® DigitalSky™- because it's not just about adapting to change; it's about leading it.



DigitalSky™: Digital Solutions Suite

Our approach revolves around three key components, each vital to a successful holistic digital transformation reach and impact

Digital Products

Connected Products

Seamless integration across product platforms and asset management via Cloud & Mobility

Intelligent Products

Designing AI-powered secured personalized smart digital experiences

Digital IT

Connected IT

Modernizing Applications and Data architectures while reducing silos

Intelligent IT

Automating & embedding intelligence into every aspect of IT process for cost reduction and agility

Digital Operations

Connected Operations

Integrating business functions and operations for faster workflow, dataflow and control flow

Intelligent Operations

Persona-specific intelligence, data-driven decision-making and automation

Innovation Hub

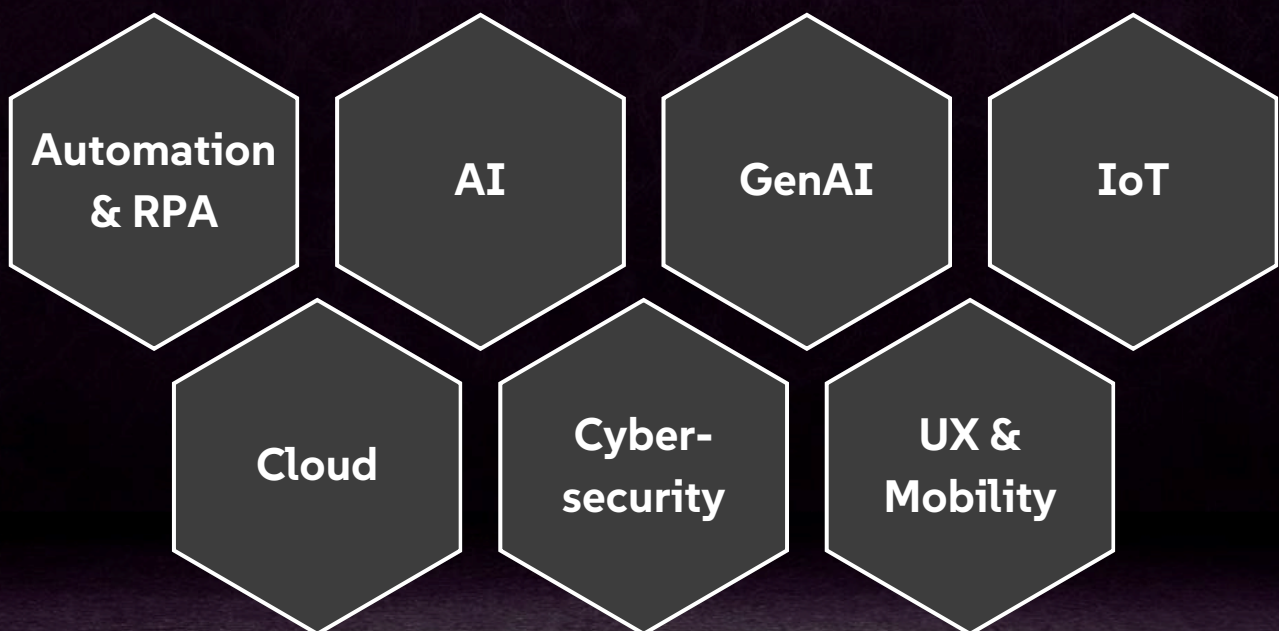
Your Co-Creation Partner for Next-Gen Solutions & Digital Strategy

The DigitalSky™ Innovation Hub is your strategic partner in navigating the complexities of modern product development.

From ideation and design to prototyping and feasibility analysis, we are with you at every step of the way. By leveraging cutting-edge technologies, expert talent, and agile methodologies, we empower you to innovate with confidence, tackle technological challenges head-on, and deliver risk-free solutions that generate tangible, long-lasting impact. Whether you're shaping the future of your product or refining your digital strategy roadmap, the Innovation Hub is your gateway to creating the solutions of tomorrow.

The future is more than just technology - it's about people.

Let us help you create a digital ecosystem where each persona is understood, valued, and empowered. Together, we can build a **Connected Intelligent Enterprise** that not only meets today's challenges but also thrives in the future.



Automation & RPA

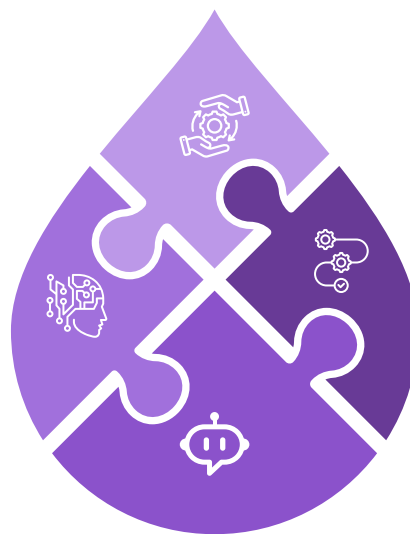
Intelligent Automation and Robotic Process Automation (RPA) enable businesses to streamline repetitive tasks, reduce human error, and increase operational efficiency. By automating workflows and processes, organizations can free up valuable human resources to focus on higher-value tasks, accelerate service delivery, and improve accuracy. Our GenAI based automation and RPA expertise revolutionize automation, QAOps, DevOps with Persona-Centric Intelligence with seamless integration with diverse products, tools and workflows, enhancing productivity and operational efficiency.

Intelligent Automation

- Seamless blend of GenAI and Copilot
- Adapts across diverse products
- Precision in test/data generation
- Seamless integration with tools
- Faster automation
- Faster delivery

Transforming QAOps

- Real-time dashboards and alerts
- Automated cross-referencing
- Early bug detection
- Proactive environment health checks



Workflow Automation (DevOps)

- Automation for workflow and reporting
- Increased accuracy and throughput
- Cost and dependency reduction
- Timely project completion

RPA & Bots

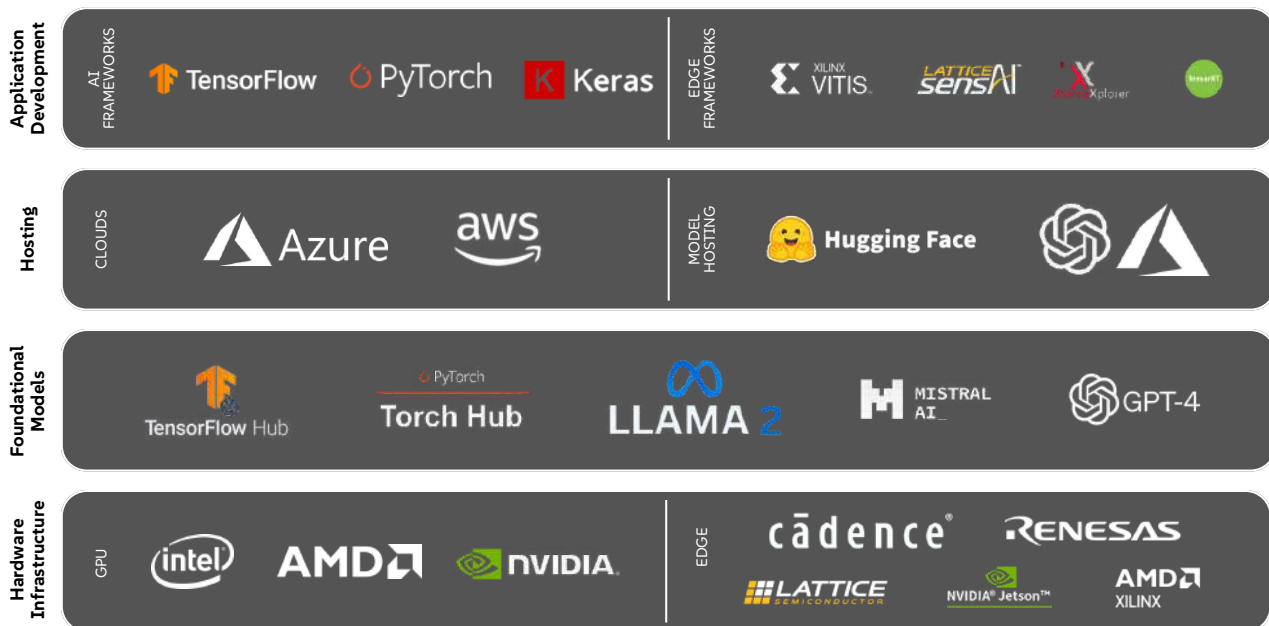
- Eliminate repetitive tasks
- Use-case-specific bots
- Reporting and ticketing automation
- IoT, DevOps and AI/ML support

Revolutionize Automation, QAOps, DevOps with Persona-Centric Intelligence



The AI Solutions empowers enterprises to harness the full potential of artificial intelligence across cloud, edge, and generative AI. Our end-to-end services from R&D to development, deployment, and testing - help drive efficiency, enhance decision-making, and unlock new opportunities, ensuring AI solutions that are tailored, scalable, and impactful.

From Edge to Cloud to App Intelligence

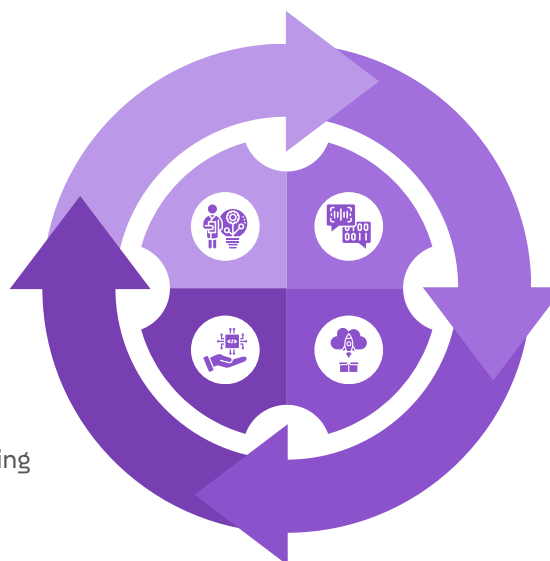


R&D Services

- CNN Compiler
- ML Framework
- ML Engine Enhancements
- Edge Porting of AI
- AI Model Customization

Development Services

- Computer Vision
- Natural Language Processing
- Audio Intelligence
- Transfer Learning
- Generative AI



Testing Services

- Model Testing & Validation
- Performance Benchmarking
- Model Regression Testing
- Data Augmentation & Annotation

Deployment Services

- AI Solutions on Edge
- AI Solutions on Cloud
- AI Solutions on FPGA
- Hybrid AI Solutions

AI Industry Solutions

Consumer Electronics

Attention Tracking & Shoulder Surfing

Hand Gesture Recognition

Scene Text Recognition

Image Segmentation

Automotive

3D Head pose Estimation

Gaze Estimation

Driver Distraction

Car Feature Voice Bot

Security Surveillance

Person Detection

Weapon Detection

Video Classification

Pose Estimation

BMS

Predictive Maintenance

Occupancy Detection

Fire Detection

Activity Recognition

Industrial

Defect Detection

Barcode Detection

Box/Package Detection

Image Super Resolution

Healthcare

Patient Monitoring

Face mask Detection

OCR for Tissue Plates

Emotion Detection

PATTERN RECOGNITION

ARTIFICIAL INTELLIGENCE

MACHINE LEARNING

AUTOMATION

NEURAL NETWORKS

DATA MINING



GenAI

The GenAI Solutions seamlessly integrates AI-driven capabilities across Digital Products, IT, and Operations to unlock domain-based personalized experiences. From intelligent automation and decision-support to creative content generation and advanced inferencing, our solutions empower enterprises to innovate and operate more efficiently, delivering persona-specific intelligence at every touchpoint.

Conversational & Personalization

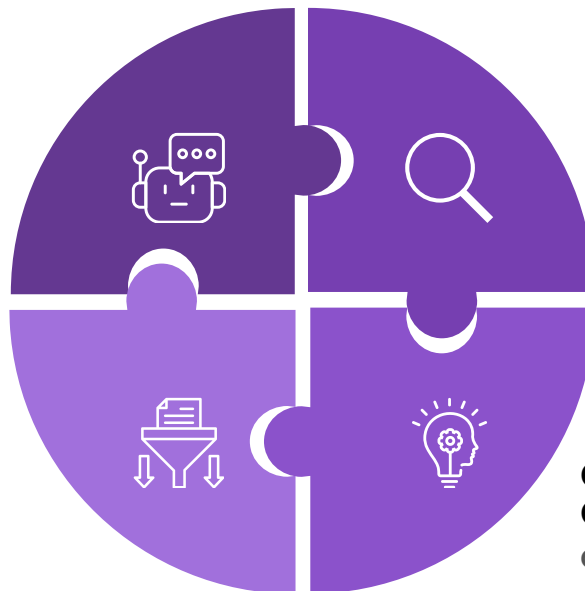
Human Like conversation with Customers, Vendors, Employees etc.

- GenAI Chatbots
- Personalized profiling
- Multilingual support

Knowledge Navigator

Comprehensive Knowledge Management for faster Decision Making

- Semantic Search
- Predictive Analysis
- Intelligent Reporting



Inferencing & IDP

Summarize and Interpret information in documents

- Extract data from heterogenous documents
- Text Analysis
- Invoicing Knowledge Map

Creative Content Generation

Create New Content

- Synthetic data generation
- Document generator
- Generative multimedia - Voice/Audio, Image & Video
- Code & test case generation

Persona-specific Intelligence Solutions



Customers

Complete product navigator and personalized assist



Developers

Assist in code generation, code documentation, code review



Car Owners & Chauffeurs

Assist & Personalize Digital Cockpit experience



Field Service Personnels

Assist in ticket generation, product understanding, Root cause analysis and probable solutions to the cause



Prospects

Enable products to answer complex questions



Testers

Assist in test case generation, test code documentation, test code review



Employees

Automated meeting reviews, auto-email drafting, document & email summarization





The IoT is more than just connecting devices to the internet - it's also about embedding intelligence into the systems, virtualizing it, and delivering personalized intelligence to each stakeholder in your ecosystem. Our solutions go beyond making machines smarter; they are designed to help enterprises unlock new levels of efficiency, elevate operational performance, and foster seamless, intelligent connections across systems, processes, and people.

Edge Product

- Edge Engineering and Cloud Connectivity
- Sensors & Gateways integration
- Edge analytics and Inference
- Edgeops
- GenAI integration into products

IT & Operations

- Application & Data Modernization
- Native Cloud and Microservices
- App Monitoring and Analytics Dashboard
- Infra as a Code,
- CloudOps, DevOps (Zero touch and Low touch deployment)

Asset Management

- Device Provisioning
- Device Management
- Device Monitoring
- Device Maintenance and Updates
- Group and Mesh Management

Security Solutions | Insights & Recommendations | Intelligent Self-Serve services
 Digital Twin Implementation | Integration with 3rd Party tools & Partners |
 Interoperability Frameworks

Readiness & Assessment Framework for IoT & Security

IoT Industry Solutions



Home Automation & Consumer Electronics

Enhance user convenience
and experience



Workplace Automation

Improve productivity using
robotics and chatbot
solutions



Automotive

Infotainment experience
enhancement



Industrial

Intelligent and Predictive
asset monitoring and control



Medical

Embed self-serve
capabilities into patient care
solutions



Building Management System

Smart interactive
surveillance and parking
solutions



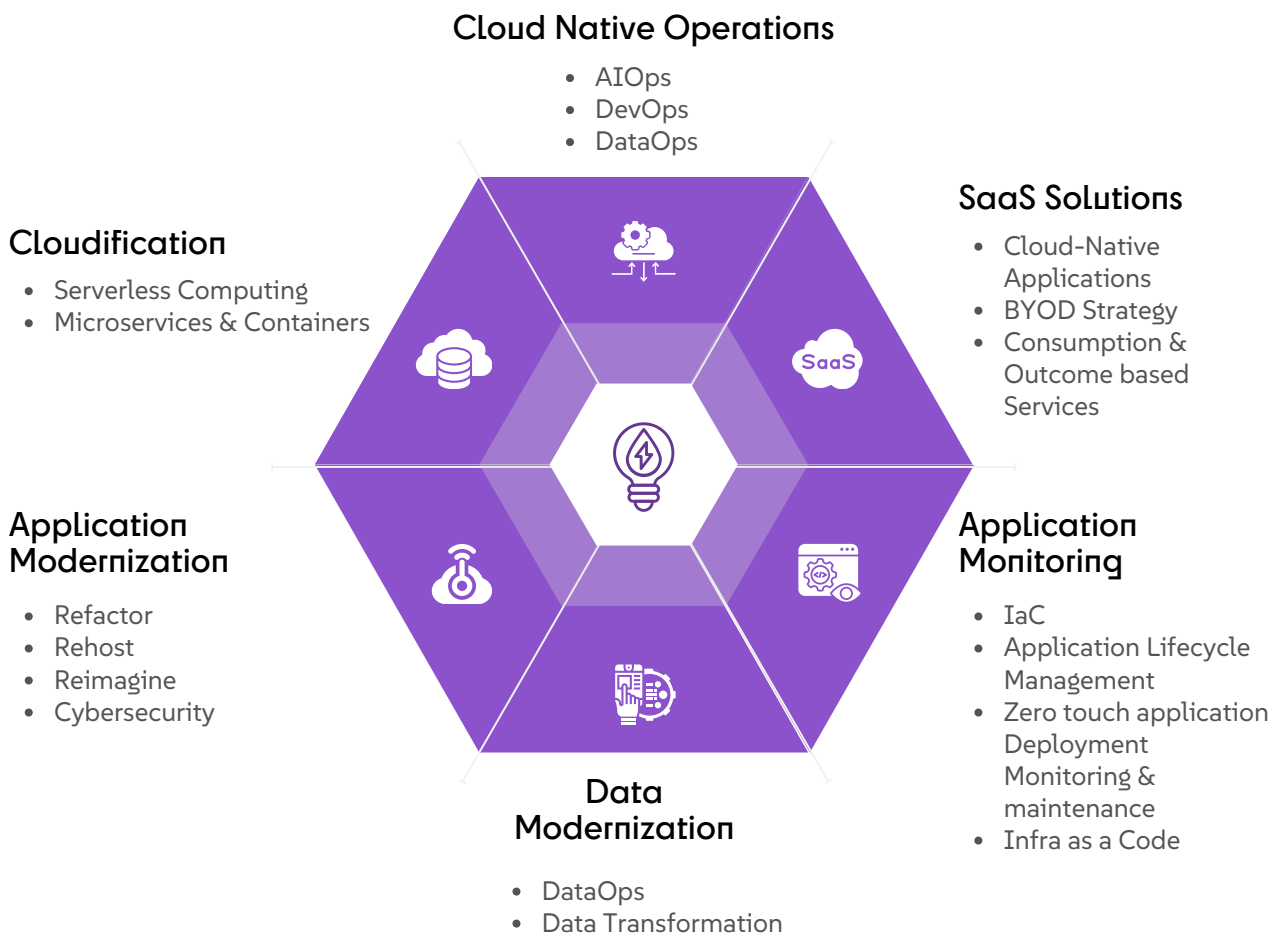
Logistics

Connected and intelligent
fleet operations





The MosChip® DigitalSky™ Cloud Native Strategy empowers enterprises to embrace cloud-first innovation, delivering agility and resilience across their digital landscape. By modernizing core systems and engineering for scalability, we help organizations unlock new efficiencies, drive business transformation, and stay ahead in a rapidly evolving cloud ecosystem.



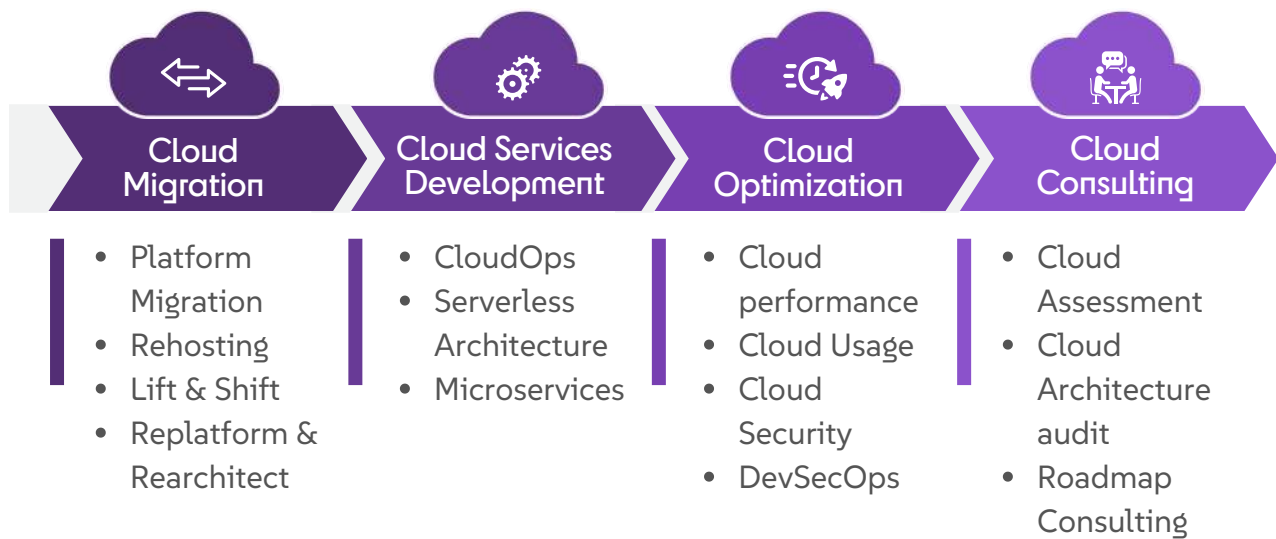
Assessment for Application Modernization

Application Modernization with Integrated DevOps, LeanOps, ITOps, DevSecOps

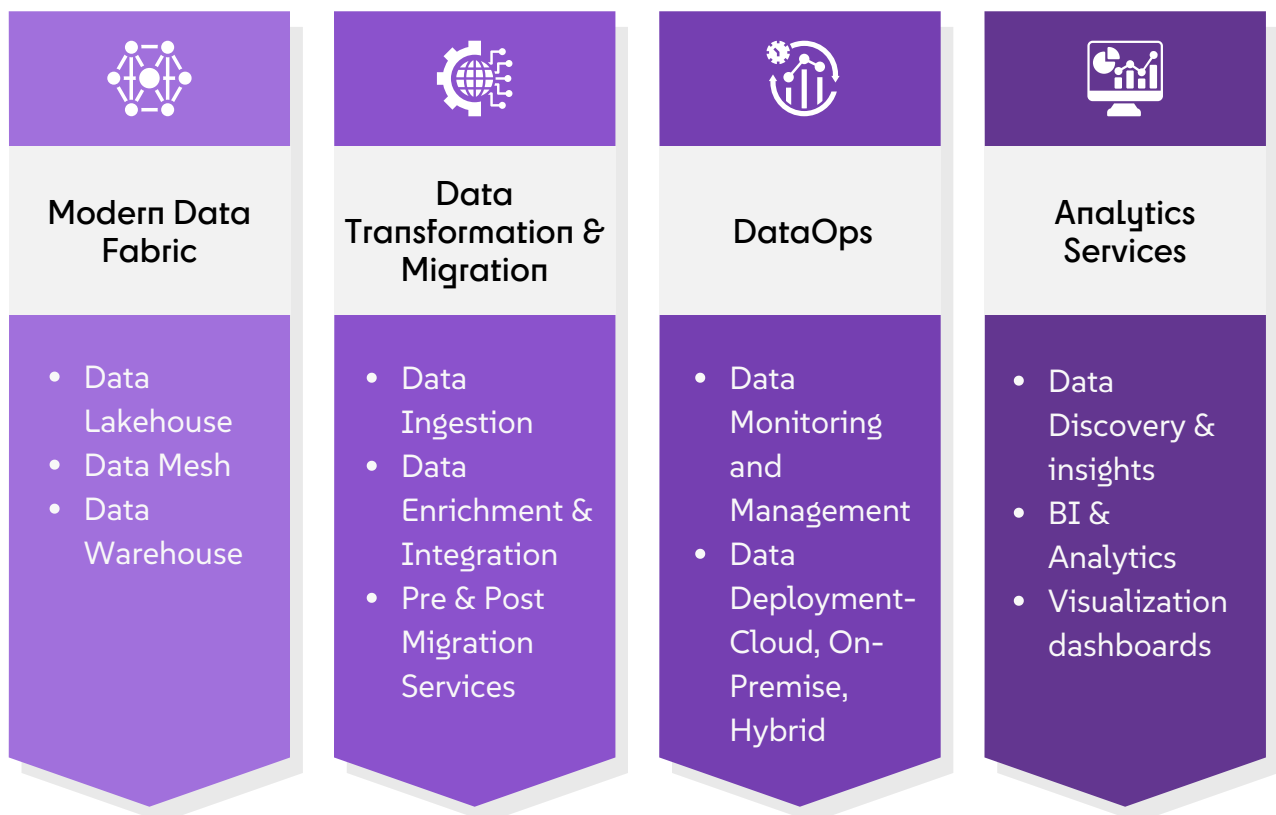
Microservices and Containerized application approach

Intelligent apps for Mobility and Automation

Cloud Engineering



Data Modernization



Persona Specific - Data enrichment that provides insights based on functions and KPI requirements

Operation Centric - Data enrichment connecting business outcome with data and problem-solving approach

IT Centric - Data enrichment for governance and metadata management

CyberSecurity

The Cybersecurity solutions offer a comprehensive approach to safeguarding your digital assets, ensuring resilience across your enterprise. Through proactive threat management, real-time insights, and tailored security solutions, we help you protect your systems, data, and connected products in an increasingly complex digital world.

Vulnerability Assessment and Penetration Testing (VAPT) Services

- Infrastructure Testing
- Web Application Testing
- Wireless Network Testing
- Mobile Application Testing

Security Analytics and Visualization Platform (SAVP) Services

- Security Manager
- Security Behavior and Analysis
- Tamper Detection
- Vulnerability Remediation
- Dashboard and Visualization

Connected Product Security Management

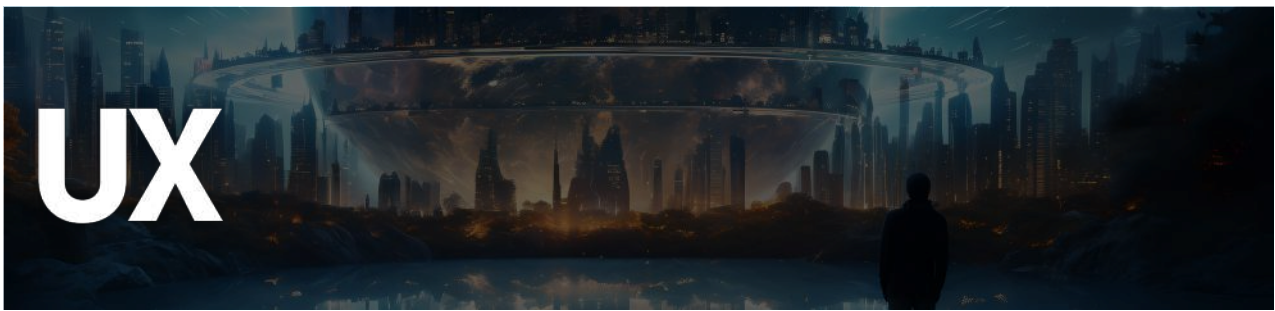
- Centralized Management of security policies
- Policy Management and Enforcement
- Edge Security with TPM, TEE, PFR

Incident Response

- Incidence and Breach Response
- CyberCrisis Management

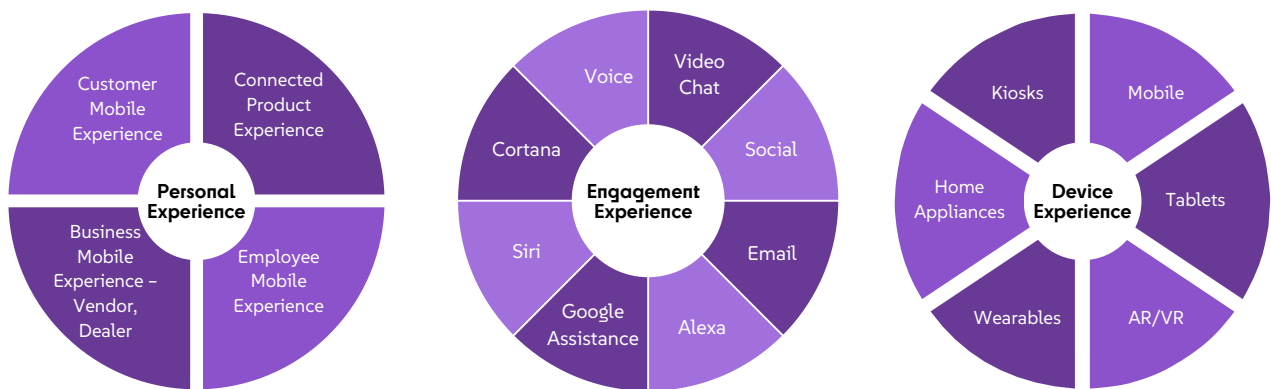
Cloud Security Services

- Network Security
- Intrusion Detection & Prevention
- Data Protection
- DevSecOps



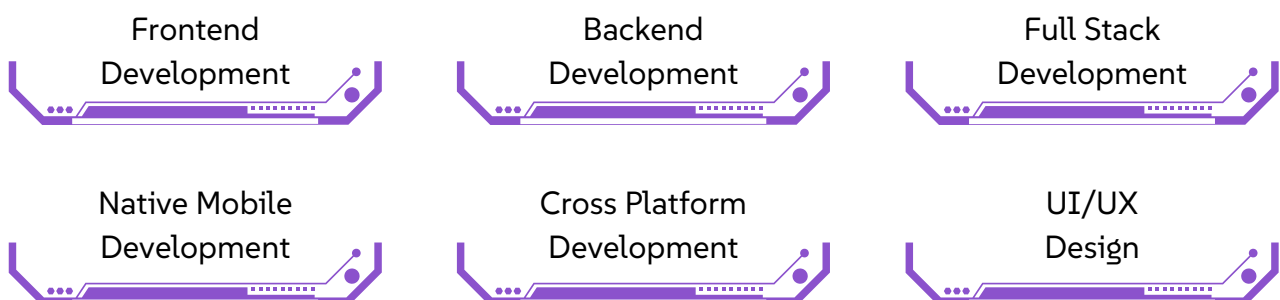
UX

The UX Solutions focus on delivering seamless, intuitive user experiences across devices and platforms. By integrating personalization and engagement strategies, we craft meaningful interactions that enhance user satisfaction and drive deeper connections with your brand.



Mobility

The Mobility Solutions offer end-to-end mobile development services, from front-end to full-stack, designed to create seamless, high-performing mobile experiences. Whether native or cross-platform, we ensure your mobile applications are intuitive, scalable, and tailored for optimal user engagement.





About MosChip®

Established in 1999, MosChip® Technologies is a publicly traded company and a leading technology partner specializing in SILICON | PRODUCT | AI/ML Engineering. With a team of 1250+ engineers and domain experts across India and the USA, we are dedicated to driving digital transformation with technical excellence for businesses across various industries.



Why MosChip®?



Device to Data & AI Solutions

From embedded device development to application and data modernization, we're uniquely equipped to build fully connected enterprises.



Product Development Excellence

Our white-box approach, coupled with multi-tool expertise and accelerators, empowers you to create products with full control, reduced costs, and quicker market entry.