



MosChip AgenticSky™

From Smart to **Agentic AI Product**

AgenticSky transforms devices, machines, and edge systems into adaptive, autonomous, and continuously learning systems, powered by reusable Agentic AI cores built on a trusted, explainable Fabric.

How is Product Intelligence Evolving?

If you look at the evolution of intelligence, we went from automation that mimicked tasks, to AI that predicted outcomes, to models that could generate content. The next step is Agentic AI. And Agentic AI will enable the next-gen futuristic machines, devices, and edge systems.

These futuristic systems don't just automate, predict, or generate. It can understand a goal, make decisions, take action, and adapt.



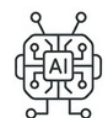
What is AgenticSky?

The AgenticSky Fabric

A reconfigurable 4-layer foundation that brings structure and repeatability to autonomy, standardizing how devices Perceive, Interpret, Decide, and Engage (PIDE model).



AgenticSky Traits



Autonomy



Goal-Oriented



Continuous Learning



Proactivity



Adaptability



Trust

AgenticSky Cores: Prebuilt Agentic Intelligence

Each Core is a reconfigurable and reusable instance of the Fabric, tuned for context-specific roles and product personas. Configure once, reapply across various product lines.



Consumers don't buy models. They buy behaviors and outcomes, and AgenticSky powers that in your products.



VisionCore

"I see and prove"

Purpose:

Detect, analyze, and intelligently explain what products see in real-world environments.

Use Cases:

The Autonomous Shelf, Vision-based QA Inspection System, Touchless Smart Hospital Lobby System.

The Vigilant Digital Security Officer



HMICore

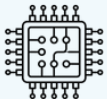
"I guide and simplify"

Purpose:

Deliver natural, context-driven, and emotionally aware interactions via voice, text, and visuals.

Use Cases:

Healthcare Workforce Augmentation, Conversational Storefront, Intelligent Industrial Calibration Assistant, Negotiation Coaching & Deal Simulation Platform



ControllerCore

"I self-configure & optimize"

Purpose:

Automate setup, calibration, performance optimization, self-healing and intelligent coordination across connected systems.

Use Cases:

ICU Patient Risk Monitoring System, Emotion-Aware Smart Home Environment System, Autonomous Home Energy Management & Grid Trading System, Smart Product Onboarding & Lifecycle Assistant



WearableCore

"I protect and coach"

Purpose:

Continuously monitor, analyze, and coach/assist for holistic health, safety, and performance improvement by being a constant companion.

Use Cases:

AR-Assisted Industrial Maintenance Companion, Continuous Remote Patient Monitoring System, Gamer Health Optimization Wearable, Mental Wellness Monitoring System



RoboticCore

"I think and act"

Purpose:

Adaptive perception, reasoning, and physical action for autonomous robotic systems.

Use Cases:

Autonomous Production Inspection Optimization System, Predictive Maintenance Robotic Monitoring System, Smart Home Leak Detection and Protection System, Context-Aware Robotic Home Cleaning Assistant

Key Benefits for OEMs

Strategic Edge

- Move from smart to goal-driven autonomous products
- Reduce time-to-market by up to 40%
- Build customer trust via explainable autonomy

Business Impact

- Lower R&D costs through modular reuse
- Enable premium SKUs and new service revenue
- Future-proof portfolios for the Agentic AI decade

Operational Efficiency

- Standardized Fabric shortens integration time
- OTA updates enable continuous learning post-launch
- Portable across hardware platforms

Technical Advantage

- Reconfigurable hybrid edge + cloud stack
- Multi-agent orchestration support
- Interoperable & future-proof architecture

What makes AgenticSky different?



Machine-First Architecture

Designed for the realities of embedded systems, edge latency, safety constraints, and offline-capable deployment



Reconfigurable Fabric

A structured PIDE loop that systematizes agentic behaviour with embedded governance and policy layers.



Reusable Cores

Preconfigured product personas that eliminate the need to rebuild from scratch for every product line.



Embedded Continuous Learning

OTA-updatable models that improve from fleet data over time, post-launch intelligence evolution.



Goal-Oriented Autonomy

Systems execute only when confidence and policy allow, with human override always intact.



Human-Centered Trust

Every decision is transparent: confidence level, rationale, and the next recommended step.

Industries we serve



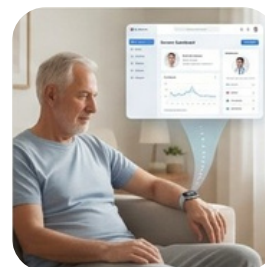
Vision-based QA Inspection System



Healthcare Workforce Augmentation



ICU Patient Risk Monitoring System



Continuous Remote Patient Monitoring System



Autonomous Production Inspection Optimization System

AgenticSky is grounded in this engineering DNA, delivering real-world agentic intelligence with the reliability OEMs demand.

Let's Design this Together!

Why MosChip?



First Indian Fabless Company – Publicly Listed



500+ Projects Delivered in PES



75+ Ready to use Core AI Models



30+ Digital Transformations Enabled



35M+ Edge Devices Managed



Global Delivery with centers in USA & India

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