



# CloudCareAI: Revolutionizing Medical Device Innovation





## About CloudCareAI

CloudCareAI accelerates transformation of medical devices to Software-Defined, Flexible, Scalable and Future-Proof systems that get better every day. Our technology prioritizes safety-critical regulations, and simplifies addition of new assistive features and capabilities on the field. With cloud-native principles and assistive technologies at the point-of-care, CloudCareAI efficiently bridges the skill gap amongst healthcare professionals, providing efficient care at lowered costs.

## What CloudCareAI Offers



**Future-Proof Technology:** Effortlessly add new features and enhance existing functionalities to improve care and operational efficiency.



**Scalable Solutions:** Leverage cloud-native technology to extend your device's capabilities beyond its form-factor, adapting seamlessly to increasing demands.



**Cost Efficiency:** Parallel development, Optimised Engineering cycles, Reusability of Software, and Device composability improves the agility and substantial cost savings across the value chain.

## Key Takeaways

- Innovate with shadow mode by learning from top care providers, standardizing best practices across devices.
- Ensure unparalleled reliability with comprehensive service management and fail-safe updates.
- Policy-driven architecture that enforces architectural requirements by orchestrating the right runtime availability for each service.
- Comprehensive Device Lifecycle Management, from provisioning and monitoring to continuous improvement and safe feature deployment.
- Build on a composable and scalable infrastructure that allows reuse and composition of new products from existing artifacts.
- Future-proof your devices by enabling new features throughout the device's lifespan without hardware constraints.
- Achieve reduced Total Cost of Operation (TCO) through rapid development, scalable testing/validation, product reuse, minimized compliance overheads, and efficient remote device management.
- Unlock new revenue streams by monetizing patented services and components via our digital platform.

# Key Benefits

## Enhanced Patient Care

- Continuously elevate patient care through updates on the go.
- Leverages AI for diagnostics/personalized treatment plan.
- Faster diagnostics and improved accuracy with point-of-care assistive AI technology.



## Streamlined Engineering Lifecycle

- Minimize full-cycle validation and verification through a componentized microservices architecture.
- API-fication of sensors and actuators fosters additional innovation throughout the device lifecycle.
- Reduced product development lead time, thanks to the separation of software from hardware, offering improved time-to-market and cost advantages.

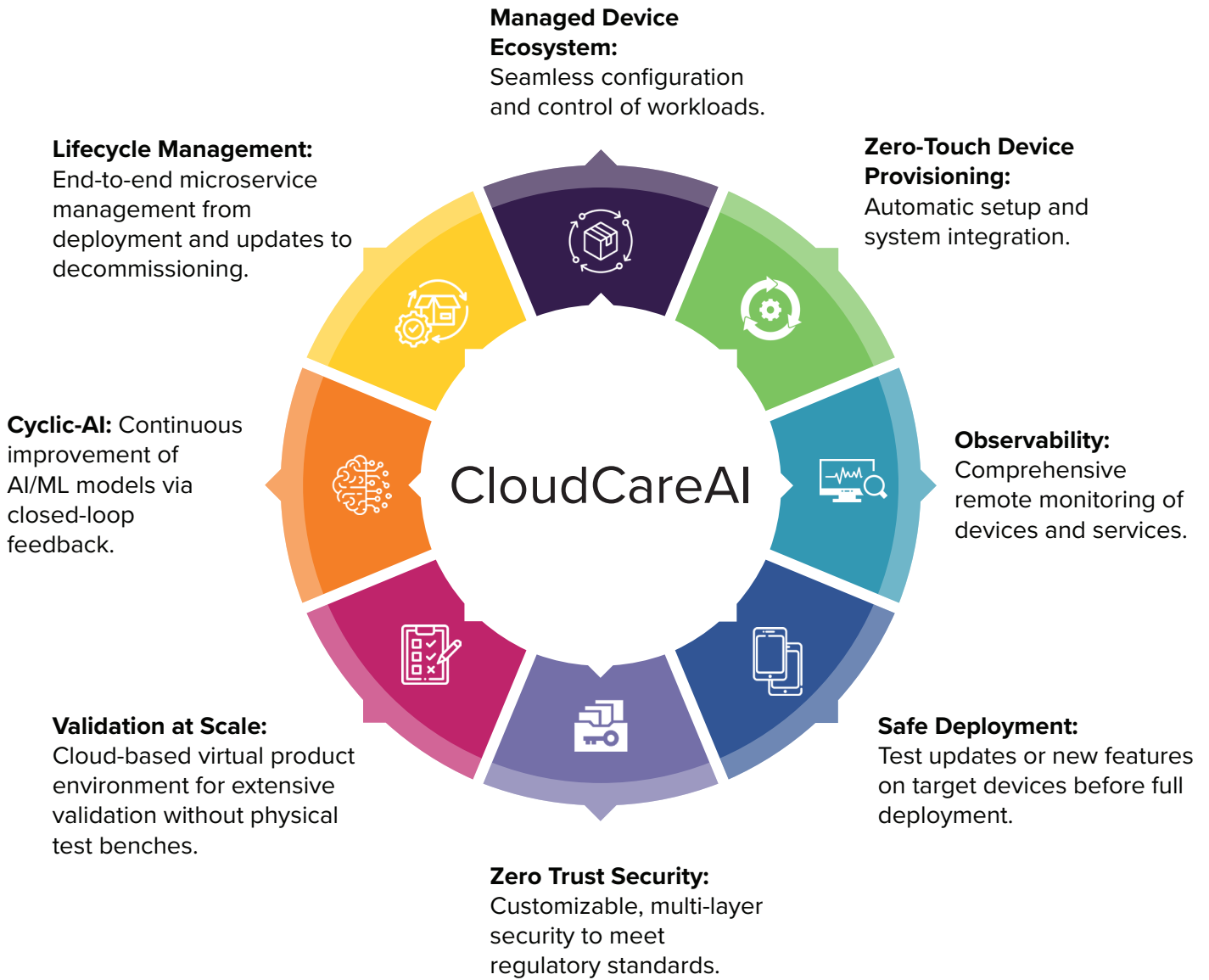
## Cost Reduction Across the Value Chain

- Enhanced point-of-care efficiency lowers patient and caregiver costs.
- Remote device monitoring and predictive analytics reduce support costs and downtime.
- Reduced engineering costs with general-purpose hardware and high software reuse across product lines, thanks to a microservices-based architecture.
- Optimized data transmission to the cloud reduces network and storage costs.



# Key Features

Explore the core features that make CloudCareAI a leader in medical device innovation:



CloudCareAI is not just transforming medical devices; it's redefining the possibilities for patient care and operational efficiency in the medical technology sector. Join us in this journey towards a future where medical devices evolve daily to meet the ever-changing demands of healthcare. To learn more, Input contact information for **Murali (muralidaran.vasudevan@wipro.com)**



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**Wipro Limited**  
Doddakannelli  
Sarjapur Road  
Bengaluru – 560 035  
India

Tel: +91 (80) 2844 0011  
Fax: +91 (80) 2844 0256  
**wipro.com**

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