

Intelligent Endoscopy Ecosystem

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As the MedTech leader for endoscopy-enabled care, we are harnessing the opportunities enabled by digital technologies to create an Intelligent Endoscopy Ecosystem for the benefit of our customers and patients and to reach the quadruple aim of healthcare.

The New Era in Endoscopy

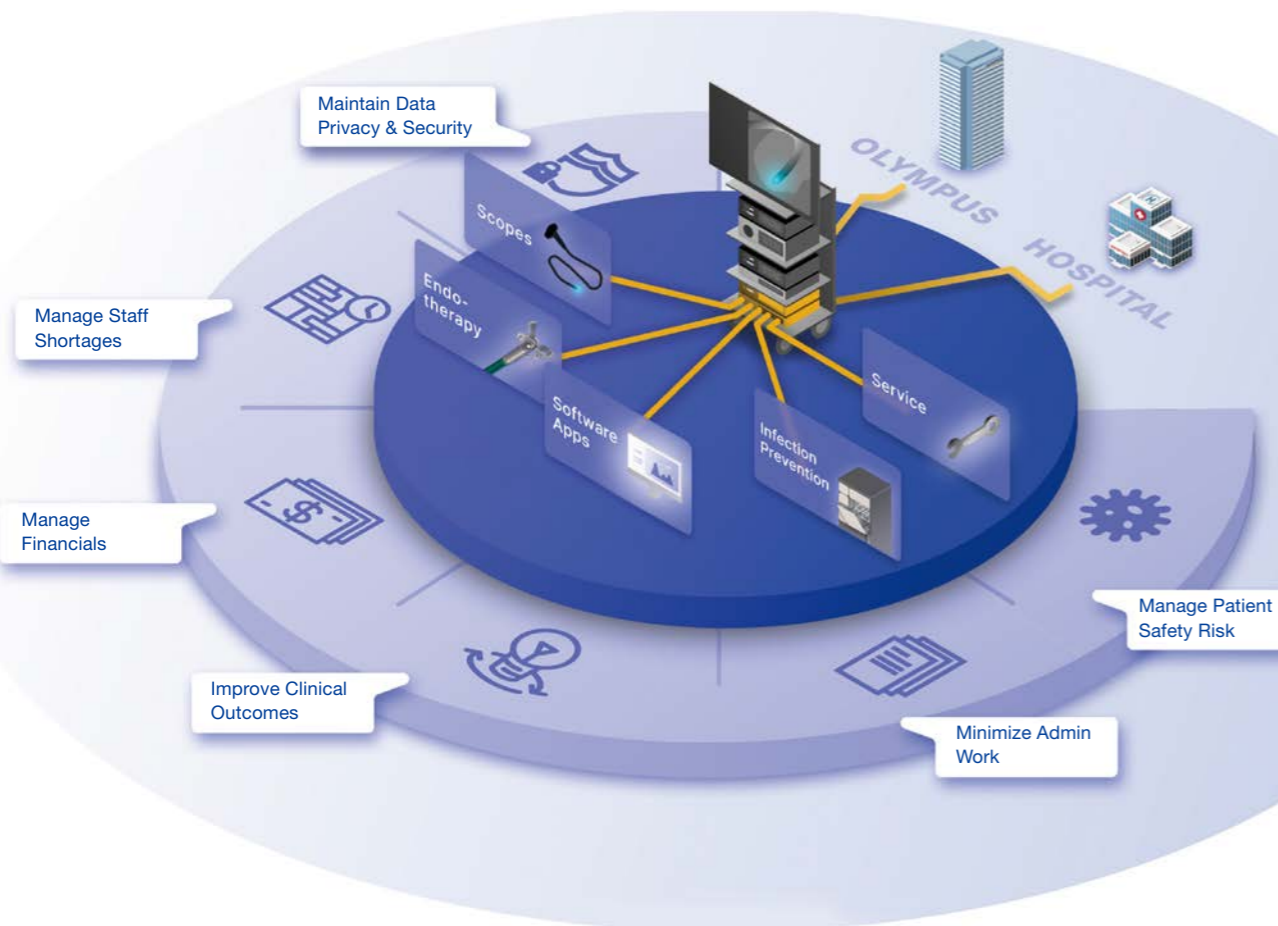
The rise in chronic diseases and aging populations requires the healthcare community to overcome the challenge of achieving better outcomes for more people and patient experiences at lower costs.

We believe there is an opportunity for significant progress in “intelligent” endoscopy, leveraging digitalization and automation. Data and connectivity, powered by AI, enable intelligent insights to help address clinical and operational needs.

A state-of-the-art software platform could drive our advanced digital endoscopy ecosystem, aiming at meeting

current and future clinical and operational needs, and could support empower clinicians and healthcare administrators to elevate patient care standards. With the latest core technologies, including AI, it will offer insights from data throughout the patient journey, targeting efficient and optimal outcomes for Olympus customers.

We aim to shift our solutions from a “Hardware only” business model, which relies on longer upgrade cycles, to a model where continuous software enhancements can deliver “always-on” innovation. This model works through over-the-air upgrades and on-demand apps on the Olympus platform.



As a result, patients and caregivers could benefit from more precise detection, diagnosis, and treatment. Data-driven and automated workflow solutions aim to potentially reduce human factor risk, increase efficiency, and improve patient safety. This could help retain healthcare professionals (HCPs) and attract the next generation of HCPs by supporting the provision of more accessible and scalable training and potentially reducing mental burden at work.

Moreover, our solutions aim to enhance the efficiency of non-clinical hospital staff through automated administration services. Data-driven inventory management, investment optimization services, and transparent asset management are just a few examples of how these solutions could revolutionize endoscopy programs, potentially leading to more efficient and effective patient care and hospital operations.

As AI offerings in healthcare are set to grow exponentially in the coming years, Olympus is uniquely

positioned to shape the future and help customers gain endoscopy insights. This is achieved by collecting and leveraging data, supported by our strong presence in all endoscopy suite components: capital equipment, consumables, infection prevention, and service.

The feedback we have received from our customers on the initial solutions, co-created with five hospitals in Europe, have been well-received, and we expect to open an additional ten co-creation centers by the end of 2024. This test phase will enable us to begin commercializing these solutions through subscription to our portfolio in 2025. Our ambitious goal is to connect 40,000 of our globally installed base of GI image processors by the end of the decade.

The Intelligent Endoscopy Ecosystem will increase the potential and realize the total synergetic value of the broad Olympus endoscopy portfolio.

Our Vision

