

Olympus to Assign New Global Positions to Build and Commercialize an ICT-AI Platform **Will expand ICT and AI use to improve workflows for medical practitioners and research/inspection personnel**

Olympus Corporation announced today that it will soon launch an ICT-AI Platform, designed to facilitate active cooperation with ICT and AI technology partners, to deliver greater value by improving workflows and reducing workloads for specialists in the medical, life science, and industrial fields. To build and commercialize the platform, Olympus will assign new positions, a Customer Solutions Development, Global, effective April 1, 2019, under the direct purview of its chief technology officer. The moves are expected to further Olympus' evolution as a "business to specialist" company that understands the demands and underlying needs of expert and aspirational customers (specialists) to consistently deliver compelling solutions.

Attention is increasingly being focused on the Triple Aim of Healthcare, namely, improving patient experiences, enhancing population health and reducing the cost of healthcare. Another topical issue is improving the satisfaction of healthcare professionals by, for example, streamlining hospital management and reducing per-doctor workloads. There are also calls to homogenize and streamline research and examination practices in areas where microscopes and other life-science devices are used, including basic research, drug discovery and other practical research, and pathological examinations. An additional need is ensuring the efficiency and safety of industrial and transport-infrastructure work processes by supporting inspectors who use industrial endoscopes, nondestructive testing instruments and other systems to inspect and report on equipment and infrastructure to help prevent accidents due to the deterioration of such facilities.

Overview of New Position Assignments Opening on April 1, 2019

- Name: Customer Solutions Development, Global
- Global head: Eddie Mitchell (concurrently serving as CEO of ISM)
- Global deputy head: Mitsutoshi Aizawa (currently deputy head of ICT Solutions, Software & ICT Development Division)

Key Elements of New ICT-AI Platform

- High-security transfer of video, still images and records from Olympus medical, life science and industrial devices to cloud storage
- Cloud storage and management of information with high-level security protections by Image Stream Medical (Olympus Group member since 2017), a pioneer of medical-imaging systems integration
- Active collaboration with ICT and AI technology partners, using the platform as a base
- Will deliver value to customers by improving workflows, reducing workloads, etc., based on data analysis (Excluding***, these are the technology unlicensed by Pharmaceutical and Medical Device Act in Japan).



【Contributions to endoscopic examination workflows】

- Reduced inspection preparation requirements utilizing ICT technology
- Insertion support navigation utilizing AI technology
- Diagnosis support information provision utilizing AI Technology*
- Advanced therapy
- Self-reporting enabled with AI and ICT technology
- High-quality cleaning and disinfection process enabled with ICT technology



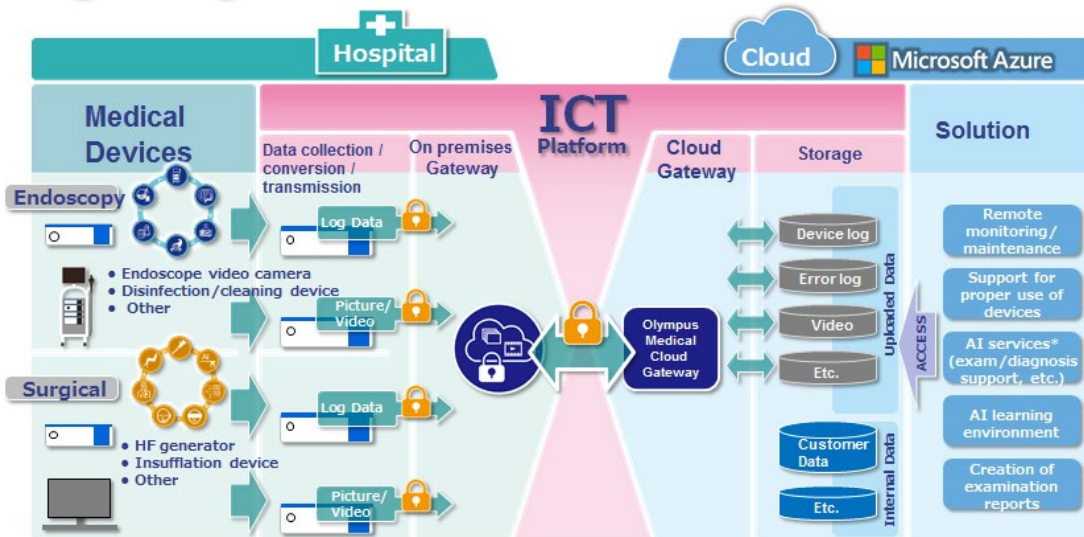
【Contributions to surgical procedure workflows】

- Advanced Imaging
- Active Energy Control
- AI Based AI & Protocol Tracking
- Utilization of AR and VR
- Voice Control
- Image Navigation
- Advanced Manipulation

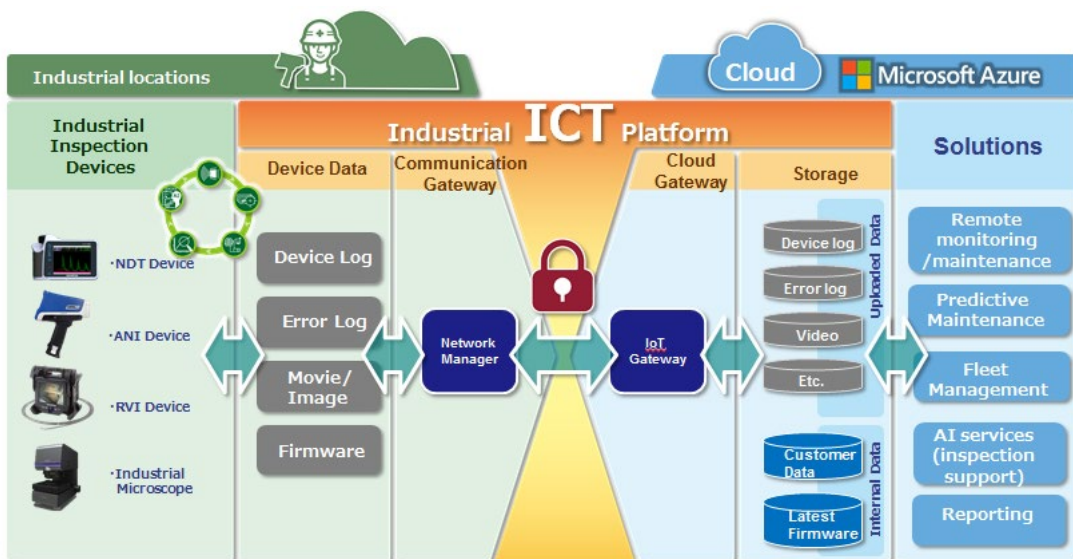


【Contributions to research and inspection workflows】

- Digital Imaging/Sensing
- Evidence-based Machine Inspection
- Inspection Evidence and Effectiveness Data Analysis
- Support for Human Inspection
- Multi-model Inspection Data Analysis



ICT-AI Platform concept for healthcare



ICT-AI Platform concept for industry



Olympus will celebrate its 100th anniversary on October 12 this year. We would like to thank all of our customers and stakeholders who have supported the company's development throughout these years. We look forward to continuing the tradition of contributing to society through making people's lives healthier, safer and more fulfilling.

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