

The vital role technology plays in patient care

LIFE CRITICAL

Patient Monitoring

Enabling data gathering, transmission, and integration to allow for efficient monitoring, even off-site.

Respiratory Therapy

Helping enhance the user interface and control motors and sensors.

Ventilators

Helping with remote control and real-time monitoring sensors, gathering and transmitting data to monitors.



Intel products: Intel Atom® N&I, Core™ i5, i7, Intel® Xeon®, FPGAs, SSDs, connectivity modules, and Intel® Distribution of OpenVINO™ toolkit

CONTAGION REDUCTION

Fever/Temp Screening

Enabling assessment of body temperatures in real time.

Medical Displays

Enabling high-performance touchscreens used in hospitals and increases user interface efficiency.

Medical Robots

Powering smart robots that disinfect hospital rooms or deliver supplies, reducing staff exposure to infections.



Intel products: Intel Atom®, Core™ i3, i5, i7, Intel® RealSense™ cameras, Movidius VPUs, and Intel® Distribution of OpenVINO™ toolkit

DIAGNOSTICS

DNA Sequencing

Powering DNA sequencing, including unlocking insights into the coronavirus and how to combat it.

Telehealth

Enabling high-quality audio and video service, clinical decision support integration, and physical distancing for contagion reduction.

X-rays, CT Scans, and Ultrasounds

Speeding the delivery of scan results and OpenVINO enables AI analysis to aid diagnosis by highlighting anomalies, including indications of COVID-19 in the lungs.



Intel products: Intel® Xeon®, Core™, FPGAs, and Intel® RealSense™ cameras, Movidius VPUs, NUCs, Intel Compute Sticks, Intel® Select Solutions for Genomics Analytics, and Intel® Distribution of OpenVINO™ toolkit

WORKFLOW

Electronic Healthcare Records

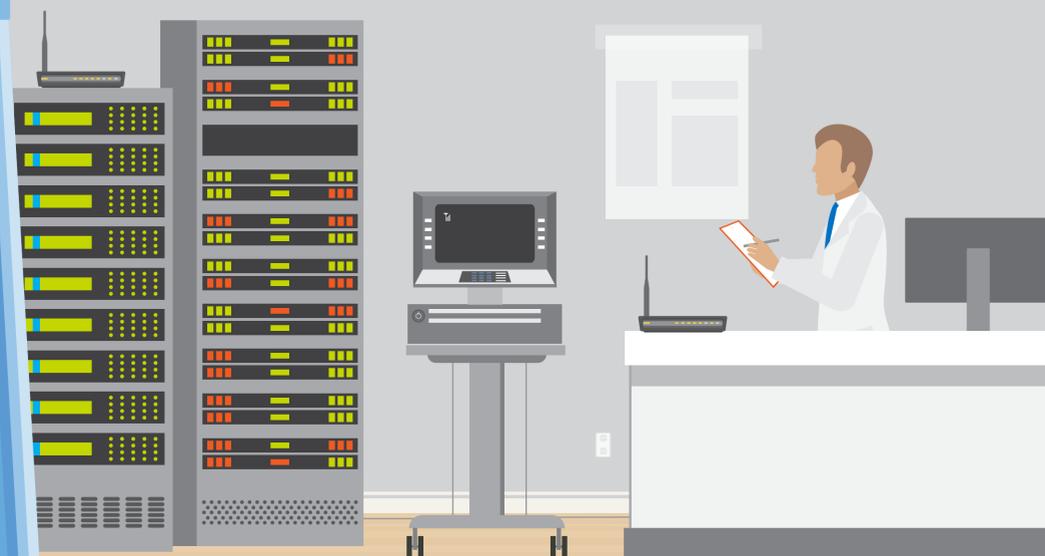
CPUs are enabling fast data throughput and improved security capabilities.

PCs/Servers

Increasing speed of information delivery, enabling faster decisions and improved patient data security.

Switches/Routers

The convergence of IT, AI and network technologies is enabling local analysis and better patient care at point of delivery.



Intel products: Intel® Xeon®, Core™ i5, i7, Intel Unite®, storage, Optane memory and networking



© Intel Corporation. Intel, the Intel logo and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.

Intel does not make or sell end user products intended to diagnose, treat or cure COVID-19, however Intel is prioritizing efforts to support many OEMs and others whose products are intended for this purpose. Intel also does not recommend any particular diagnostic, treatment or cure for COVID-19.