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.
- **Fever/Temp Screening**: Enabling assessment of body temperatures in real time.
- **Medical Displays**: Enabling high-performance touchscreen 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.

**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.
- **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.

**WORKFLOW**

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**CONTAGION REDUCTION**

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