

Healthcare

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Information systems and application developers are transforming the healthcare industry. From the way patient records are stored, to advancements in medical technology and HIPPA regulations, real time information and modification are essential to providing quality patient care. DDS provides the following features to software architects:

Privacy

Each user only receives the information they need (or are intended) to receive.

Security

interactions with other services or application's are independent from network services, meaning they are always available for users

Real time

With very low overhead and efficient processing, messages are sent with minimal latencies (approximately 70 microseconds).

DDS also has a flexible architecture that is also scalable: it can adapt to processing both large and small amounts of data.

Source: [Twin Oaks Computing: Healthcare](#)

In modern hospitals, there is an increasing need for digital healthcare to allow hospitals to improve workflows and patient experience. Medical grade computers and mobile devices that support patient monitoring, data transfer, and wireless transmission are becoming increasingly essential for providing streamlined patient care in clinical environments. By leveraging *PENTA's design methodology and manufacturing capabilities in the medical field, ADLINK provides a series of medical-grade computers, monitors and mobile tablets to enable hospitals and clinical institutions to deliver the highest quality and optimum patient care in wide range of healthcare environments.

Source: [Adlink: Medical Healthcare Overview](#)

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