

Kaiser Permanente

Information System:

Epic

Devices:

Philips IntelliVue monitors

Nellcor Puritan Bennett 840 Ventilators

Philips IntelliVue Information Center gateway

Departments:

ICU

About Kaiser Permanente

Kaiser Permanente is an integrated managed care organization, based in Oakland, California, United States, founded in 1945 by industrialist Henry Kaiser and physician Sidney Garfield. Kaiser Permanente is a consortium of three distinct groups of entities: the Kaiser Foundation Health Plan and its regional operating subsidiaries, Kaiser Foundation Hospitals, and the autonomous regional Permanente Medical Groups. As of 2006, Kaiser Permanente operates in nine states and the District of Columbia, and is the largest managed care organization in the United States.

Kaiser Permanente has 8.6 million health plan members, 167,300 employees, 14,600 physicians, 35 medical centers, 431 medical offices, and \$1.3 billion in net income on \$34.4 billion in operating revenues. The Health Plan and Hospitals operate under state and federal non-profit tax status, while the Medical Groups operate as for-profit partnerships or professional corporations in their respective regions.

Kaiser Sunnyside is Capsule's first Capsule Neuron™ implementation. Currently, all other Kaiser locations are using Terminal Servers, but are looking to upgrade to Capsule Neurons in the near future.

DataCaptor Deployment Details

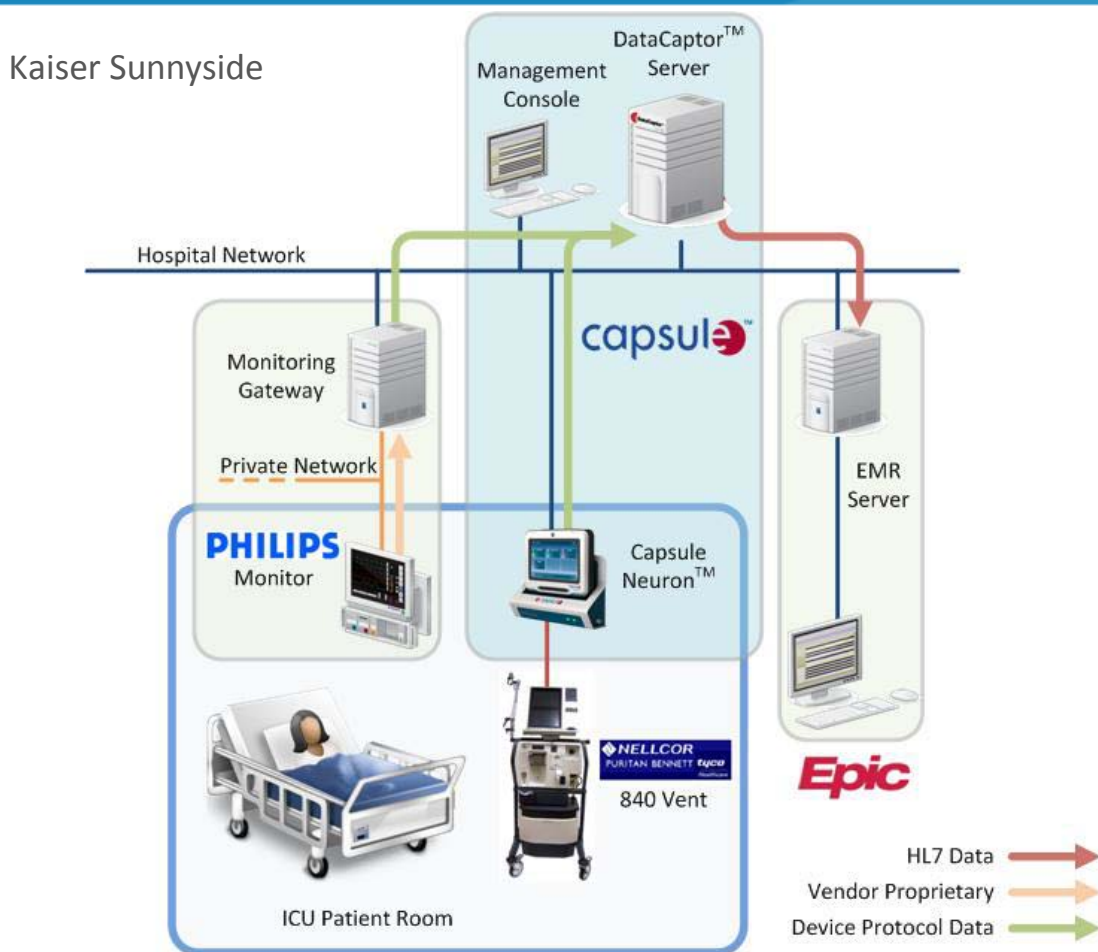
All IntelliVue monitors are interconnected on a Philips proprietary network which runs as a subnet on the hospital's LAN. A connection to the monitors is accomplished by configuring the DataCaptor server to establish a socket connection with a Philips IntelliVue Information Center, which expose all IntelliVue device data to DataCaptor.

All serial enabled devices communicate device data via the hospital's LAN using concentrators.

The concentrators convert the serial data to ethernet allowing DataCaptor to remotely connect and manage all device data.

Through configuration settings in DataCaptor, the choice of parameters and the rate of collection are configurable for each serial device. DataCaptor will generate and send via TCP/IP HL7 formatted messages compatible with Epic.

Implementation Diagram with Capsule Neuron™





Additional Kaiser Implementations:

- **Hayward Medical Center**
- **Fremont Medical Center**
- **Fresno Medical Center**
- **Manteca Hospital**
- **Modesto Medical Center**
- **Redwood City Medical Center**
- **Richmond Medical Center**
- **Roseville Medical Center**
- **South Sacramento Medical Center**
- **San Rafael Medical Center**
- **Santa Teresa Medical Center**
- **South San Francisco Medical Center**
- **San Francisco Medical Center**
- **Vacaville Medical Offices**
- **Santa Clara Medical Center**

Kaiser Implementations with Terminal Server

