

# University of Utah

## Information System:

GE Centricity

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## Devices:

Narkomed GS anesthesia

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Apollo anesthesia

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Fabius GS anesthesia

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Invivo Magnitude AS monitor

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Datex AS-3 monitor

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Philips MP70 monitor

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## Departments:

OR

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## About University of Utah

University of Utah Health Care is the Intermountain West's only academic health care system, combining excellence in *patient* care, the latest in medical *research*, and *teaching* to provide leading-edge medicine in a caring and personal setting. The system provides care for Utahns and residents of five surrounding states in a referral area encompassing more than 10 percent of the continental United States.

Whether it's for routine care or highly specialized treatment in orthopedics, stroke, ophthalmology, cancer, radiology, fertility, cardiology, genetic-related diseases, organ transplant, or many other areas of medicine, University of Utah Health Care offers the latest technology and advancements, including some services available nowhere else in the region.

## DataCaptor Deployment Details

All monitors are interconnected on a 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 an 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 the GE Centricity Information System.

## Implementation Diagram

