

Clarian Health Partners

Information System:

Cerner BMDI

Devices:

Philips IntelliVue monitors

Siemens Servo-I & 300 Ventilators

Drager Apollo anesthesia

Philips IntelliVue Information Center gateway

Departments:

PACU

ER

OR

PICU

ICU

About Clarian Health Partners

Methodist, Indiana University and Riley hospitals united in 1997 to form Clarian Health Partners. Committed to excellence in patient care, education and research, Clarian Health hospitals are considered by many to be the premier health care facilities in Indiana and the Midwest.

DataCaptor has been integrated with a Philips proprietary network to collect data from Philips IntelliVue monitors.

Clarian West was the first implementation with Capsule's DataCaptor™ solution in the ICU, and then to additional rooms such as the PACU, ER, PICU and OR. With these successful connections, Clarian then decided to use DataCaptor™ in their other hospitals: Clarian North, Indiana Cancer Center, Riley Children's Hospital, Methodist, and Indiana University with a total of 6 Clarian Implementations.

DataCaptor Deployment Details

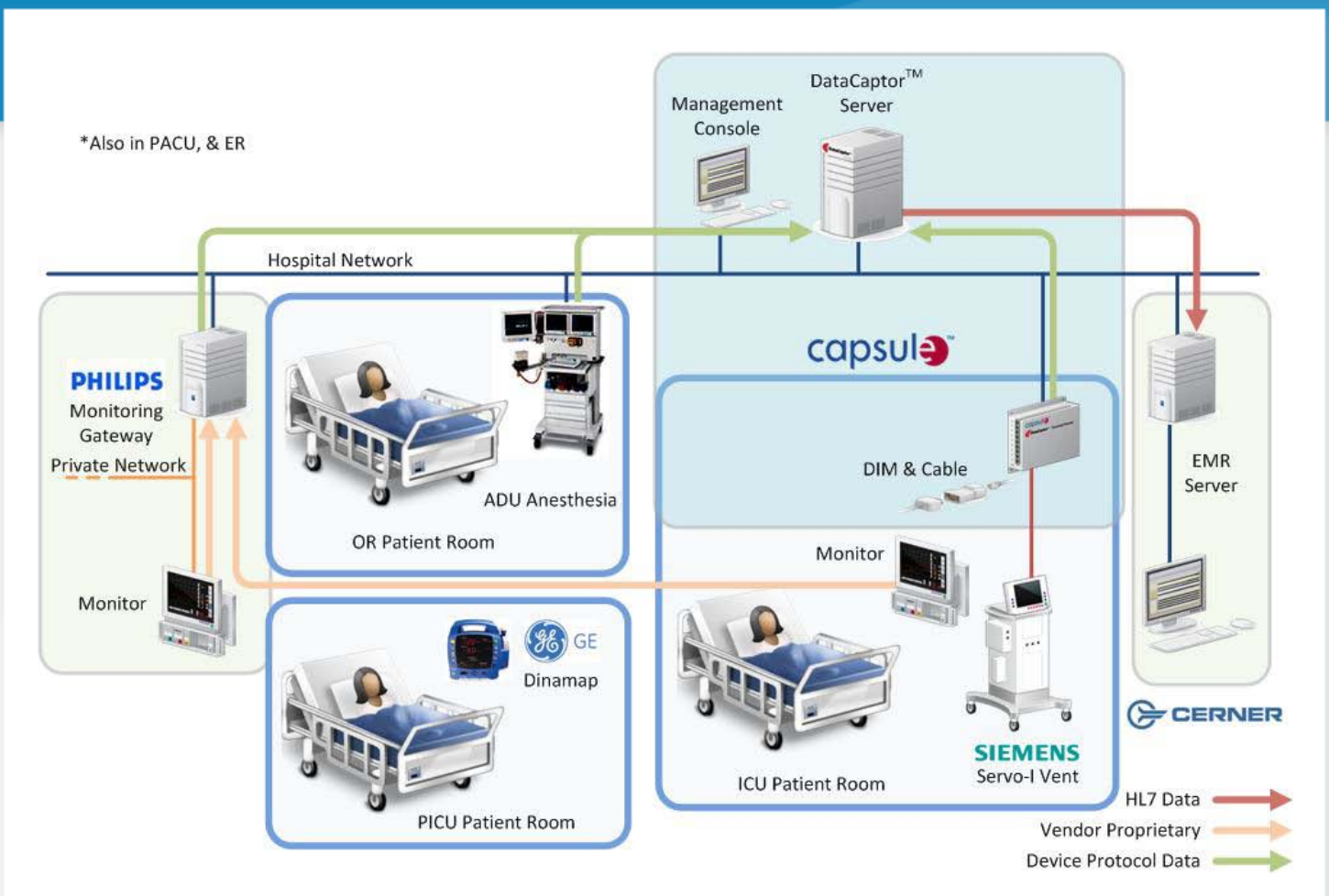
All IntelliVue monitors are interconnected on a Philips proprietary network which runs as a subnet on the hospital's LAN. A connection to the monitors is accomplished by configuring the DataCaptor server to establish a socket connection with a Philips IntelliVue Information Center, which expose all IntelliVue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

Implementation Diagram





Additional Clarian Hospital Implementations:

Clarian North, Indiana Cancer Center, Riley Hospital for Children, Methodist, & Indiana University Hospital

Additional Devices:

GE Dinamap

Bird VIP ventilator

Narkomed anesthesia

BIS Monitoring

Aestiva/5 anesthesia

Additional Departments:

NICU

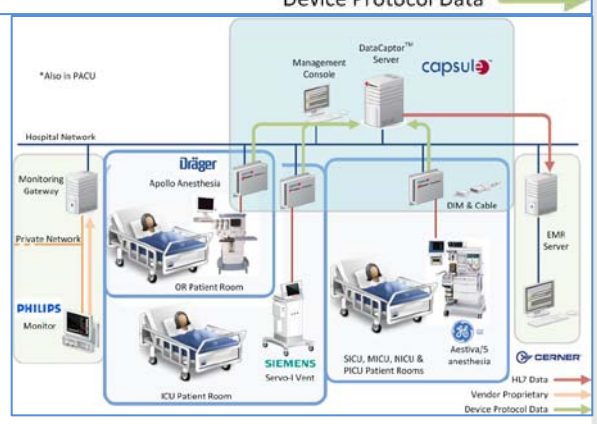
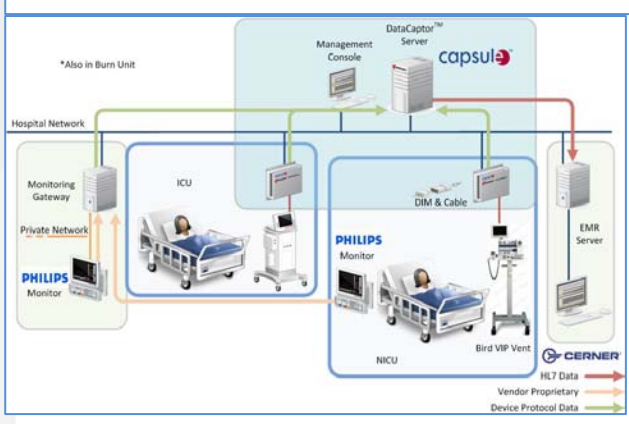
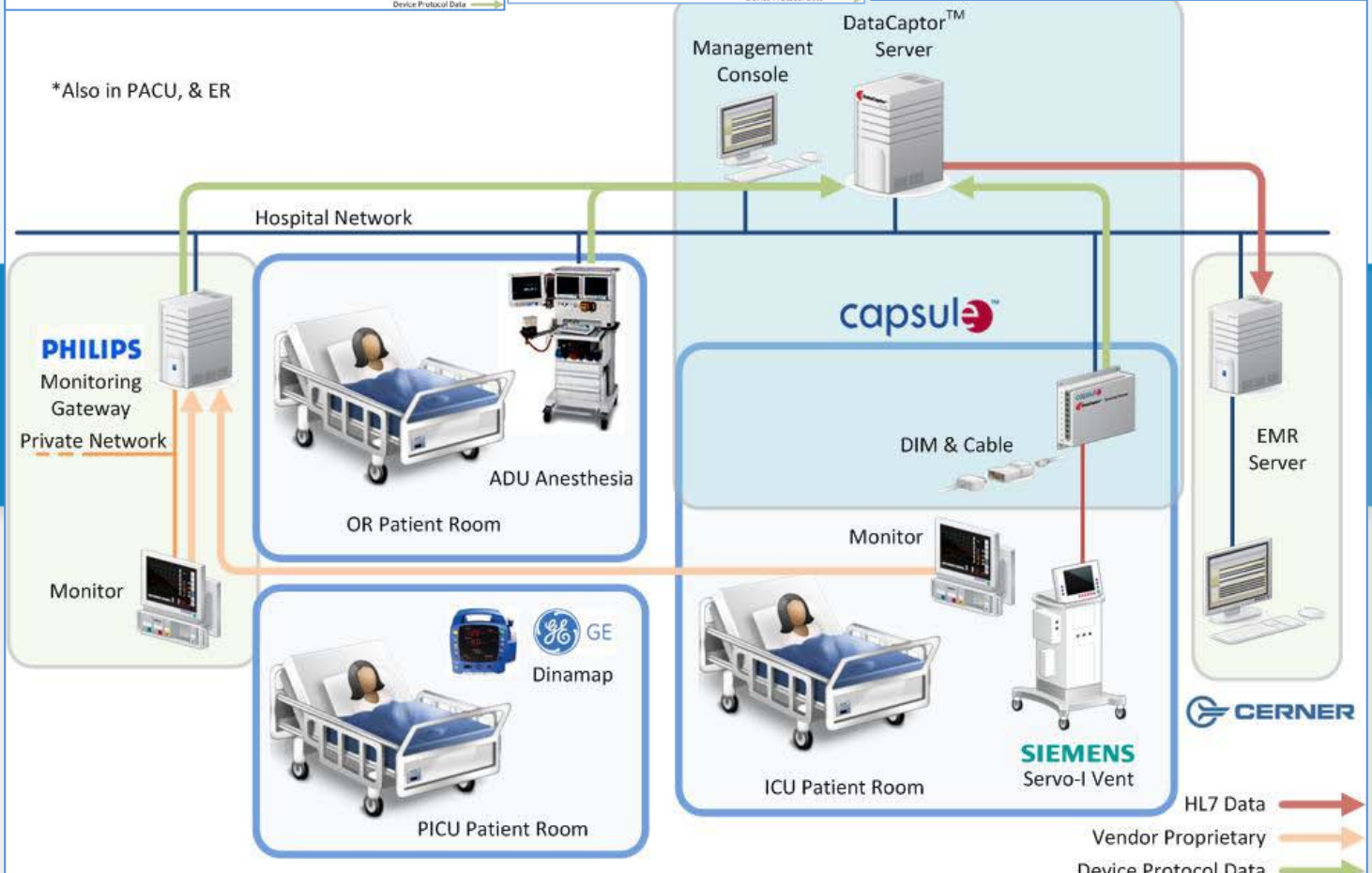
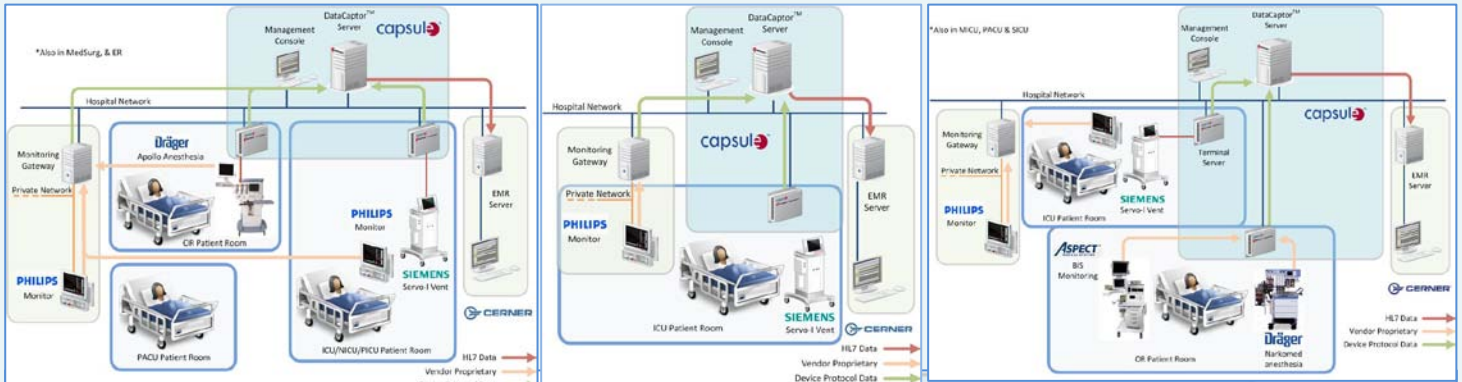
Med Surg

Burn Unit

Clarian North

Indiana Cancer Center

Indiana University Hospital



Riley Hospital for Children

Methodist

