

New Zealand August 10 2010



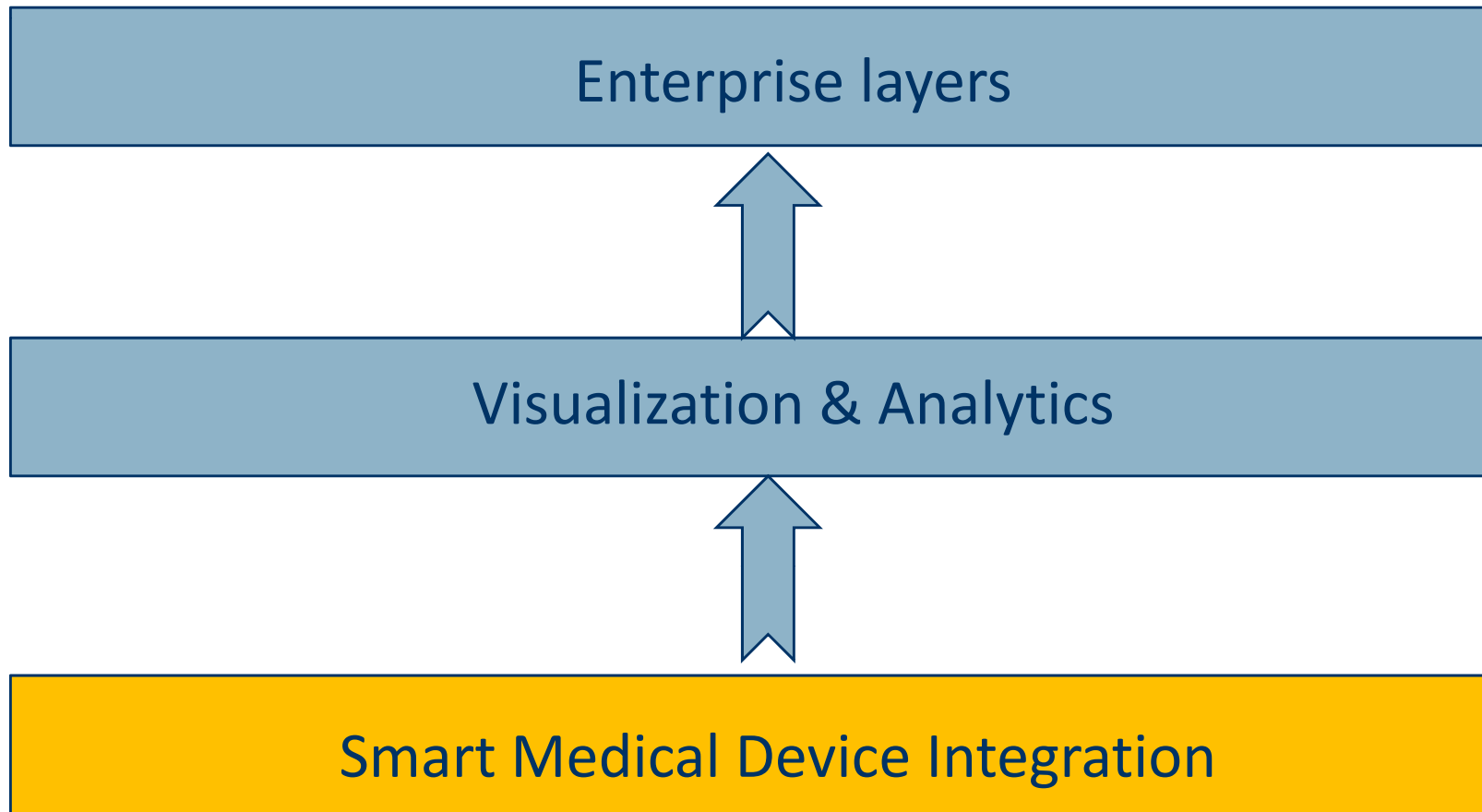


INTELLIGENT MEDICAL DEVICE INTEGRATION

- Critical Care
- Cardiology

- Temerloh Hospital
- 60 hospitals in Europe. (1500 OT, 3000 ICU)
- 14 Interventional cardiology hospitals in New Zealand
- 3 Hospitals in Asia
- First site in USA

- Enterprise solutions for Critical care and Cardiology.
- Visualization and Analytics.
- Unified Medical Device Intelligence



Medical Device Standards

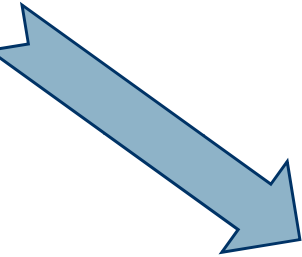
Bridging the gap between real-time and back office...



Unifying Medical Devices



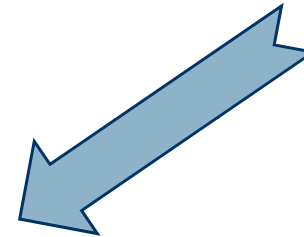
**Device
concentration**



300 Drivers



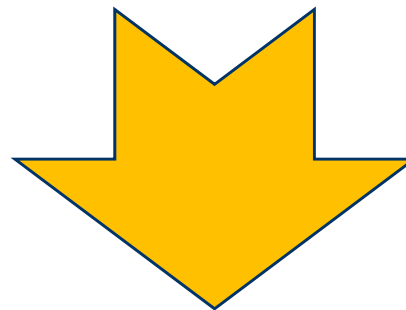
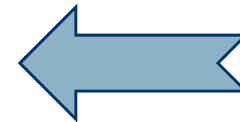
**Battery
backup**



Plug n play



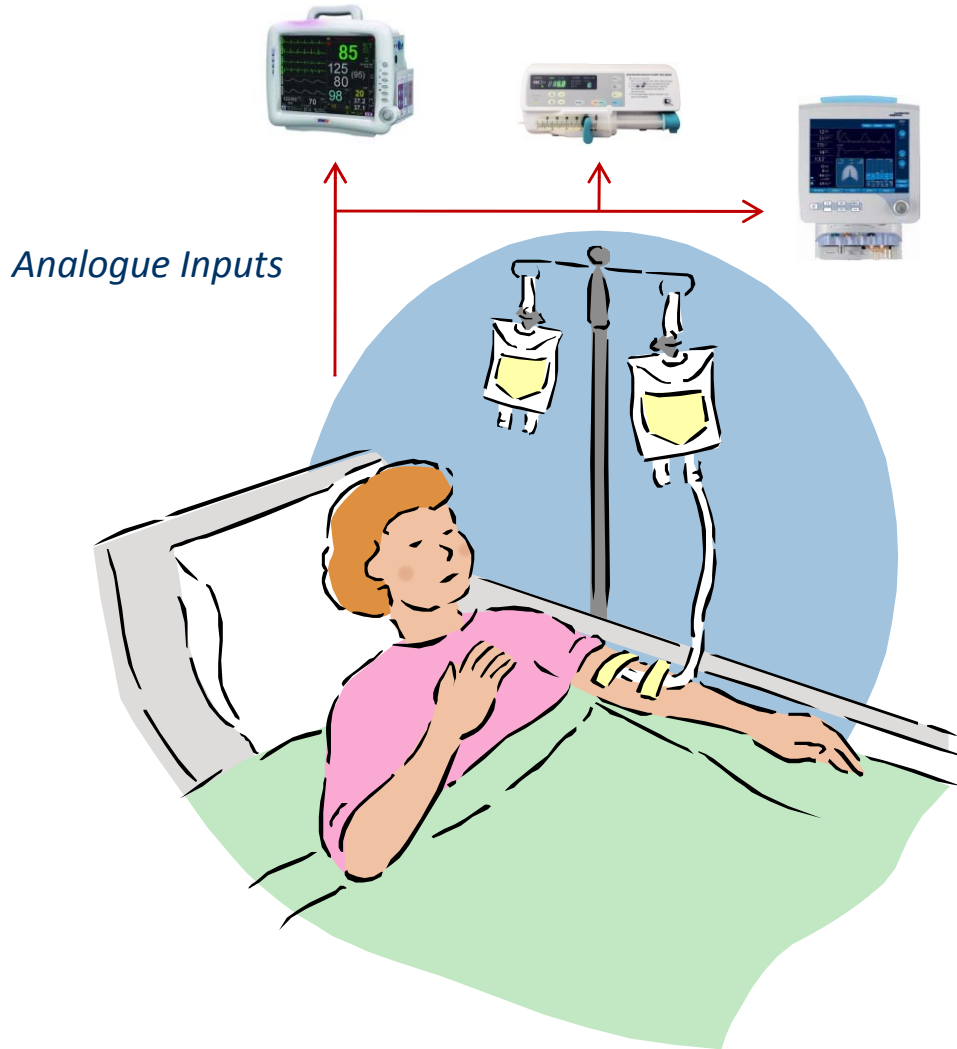
**Off line
operation**



Unified Data Bus

ICU - Point of Care monitoring on paper

Medical devices – Monitor, Ventilator, Pumps etc. Each device has a hardware unique device ID attached at the connector.



50% of my time is spent writing up charts and notes

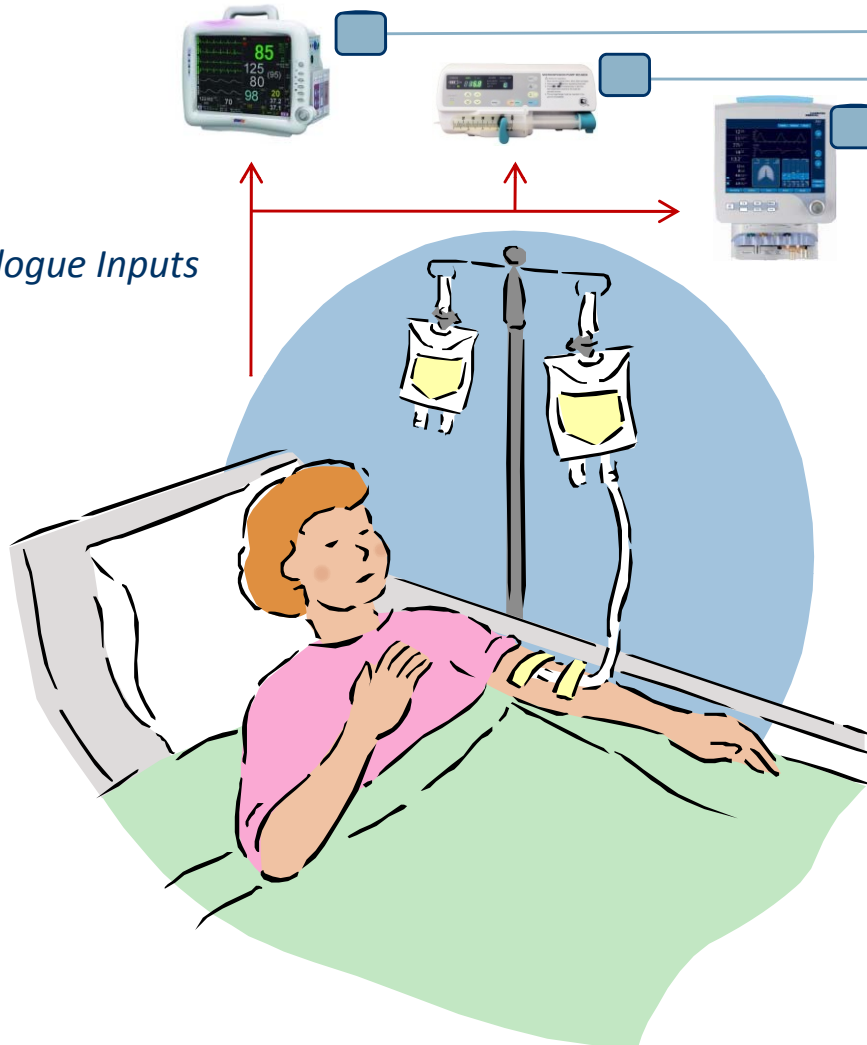


ICU Point of Care monitoring with a vendor neutral bus.

Medical devices – Monitor, Ventilator, Pumps etc. Each device has a hardware unique device ID attached at the connector.

RS232, USB or Ethernet connections from the devices. Each device has a Precept ID module which delivers a Unique ID, as well as a Type ID

Analogue Inputs



Precept Health Medical Hub with barcode reader for patient lock down

Medical device bus



ICU Care application running at the Nurse bed side station. Automated collection and display of live data



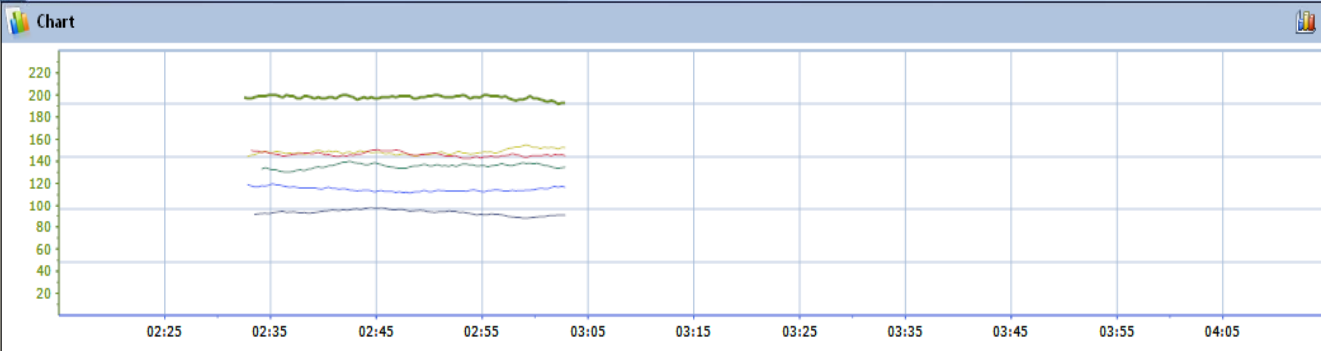
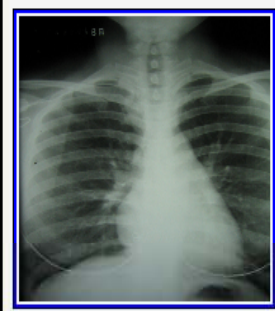
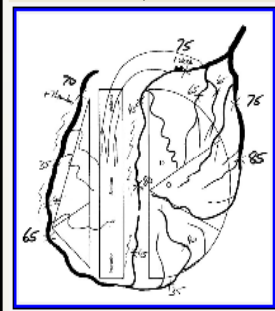
Patient NHI **AUV5566** Name **Brown, Mary** Gender **(none)** Age **11** Admission **28/10/2008 2:26 a.m.** Discharge **(none)** ICU

28/10/2008

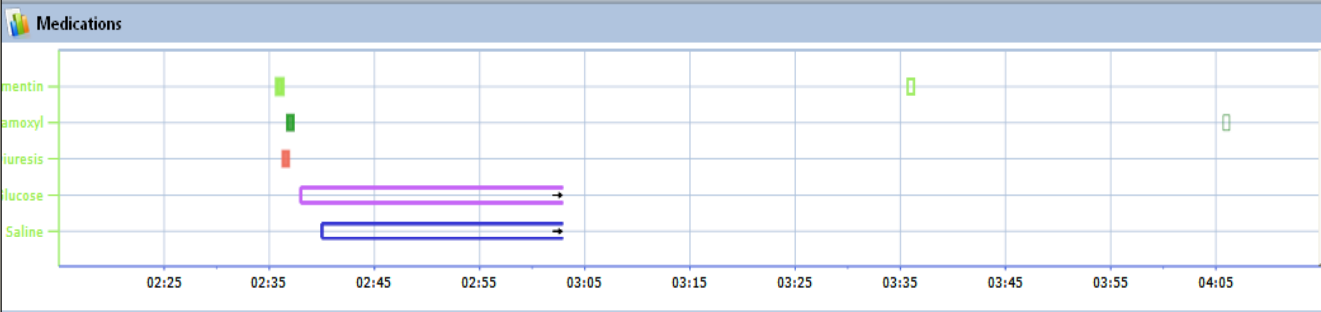
Clinical Shift PA's

- Notes Viewer**
- Clinical Documents
 - Doctor Notes
 - Nursing Notes
 - Nurse Handover note
 - Admin Notes
 - Discharge Notes
 - Administration

- Image Viewer**
- Dicom Images
- 0002.DCM
 - 0015.DCM
 - 0020.DCM
 - MRBRAIN.DCM



HR	193
CuffPS	68
CuffPD	89
MAP	145
VTSpt	53
AOPM	135

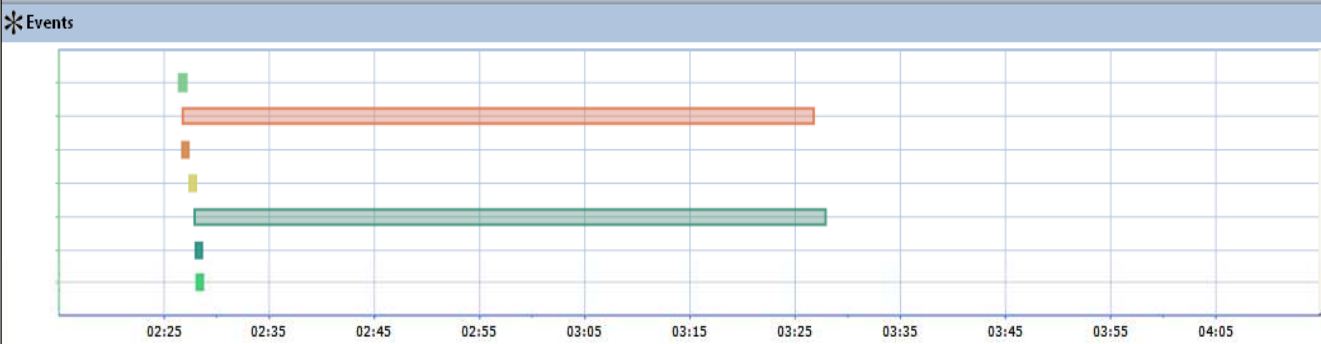


Augmentin	500
Clamoxyl	100
Diuresis	-125
Glucose	0
Saline	0
Total	475

Chart

02:15	02:25	02:35	02:45	02:55	03:05	03:15	03:25	03:35	03:45	03:55
				82.60059						
				35.3						

SUCTN	
SP02	82
CO2R	2



Admission	28/10/2008 2:26:45 a.m.
MECHANICAL	28/10/2008 2:26:45 a.m.
ICU Physiology	28/10/2008 2:27:01 a.m.
TISS-28	28/10/2008 2:27:43 a.m.
TRACHEOSTO...	28/10/2008 2:27:53 a.m.
EEG	28/10/2008 2:28:18 a.m.
SEPS	28/10/2008 2:28:23 a.m.

Tool Box

- Safety Check List
- Chart
- Events
- Notes Viewer
- StopClock
- Image Viewer
- Events Tree View
- Medicat...

StopClock

03:03:00

Safety Check List

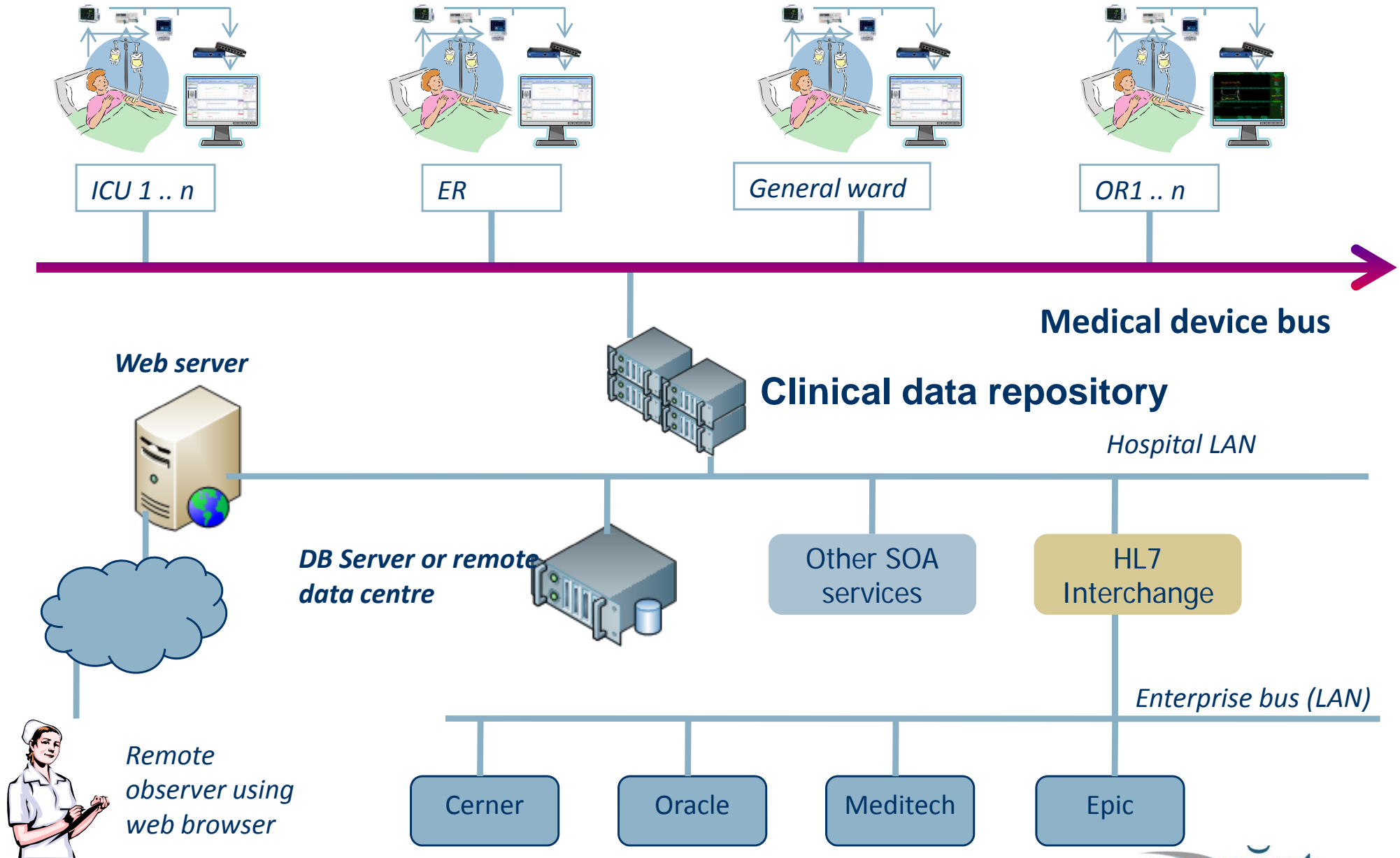
Drug infusions checked	<input type="checkbox"/>	Patients blood group at bedside	<input type="checkbox"/>
Suction - Oral		Drains	
Connected correctly	<input type="checkbox"/>	Connected correctly	<input type="checkbox"/>
Functioning	<input type="checkbox"/>	Functioning	<input type="checkbox"/>
Bag, mask and airway at bedside	<input type="checkbox"/>	Ventilator alarms set	<input type="checkbox"/>
Transducers levelled	<input type="checkbox"/>	Calibrated	<input type="checkbox"/>
Monitor alarms - On	<input type="checkbox"/>	Limits set	<input type="checkbox"/>
Arrhythmia functions set	<input type="checkbox"/>	Fluid in pressure bag	<input type="checkbox"/>
		Inflated to 300 mmHg	<input type="checkbox"/>

Events Tree View

- Events
 - Admission (28/10/2008 2:26:45 a.m.)
 - MECHANICAL (28/10/2008 2:26:45 a.m.)
 - ICU Physiology (28/10/2008 2:27:01 a.m.)
 - TISS-28 (28/10/2008 2:27:43 a.m.)
 - TRACHEOSTOMY (28/10/2008 2:27:53 a.m.)
 - EEG (28/10/2008 2:28:18 a.m.)
 - SEPS (28/10/2008 2:28:23 a.m.)

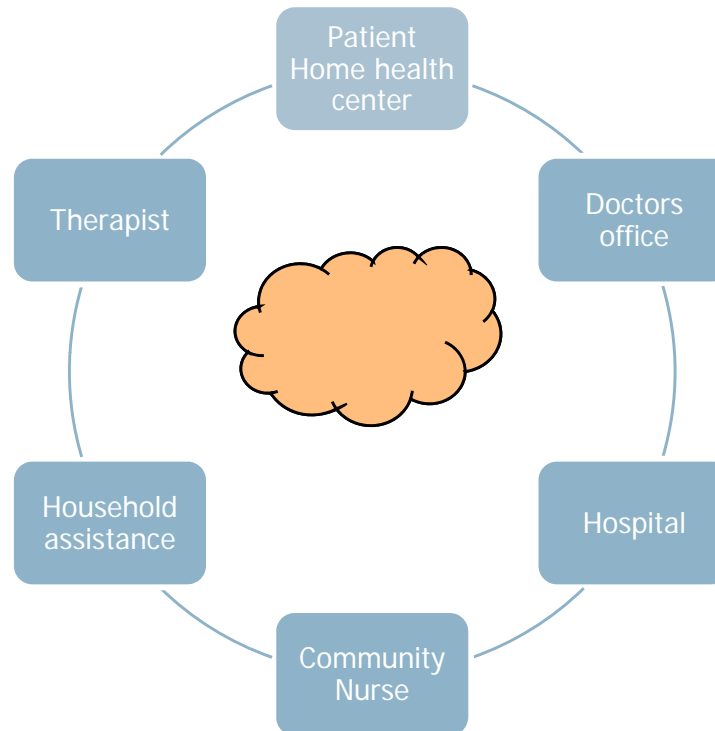
- More nursing time
- Better accuracy
- True unified data intelligence
- Cost reduction
- Reduced staff stress
- Evidence based medicine
- Real time alerts
- Decision support
- Clinical and Financial outcome analysis

ICU Care – Enterprise Architecture



From community to ICU and back

The medical device cloud



SAAS Service provider

Based on a intelligent medical device hub in the home, a variety of services are connected through a common internet based service to move patients back into the community faster and with more certain outcomes

About us

Precept Health is a medical software company.

We specialize in clinical tools for intensive care, operating room emergency medicine, and cardiology.



Precept Health was recently voted a Red Herring Asia 100 finalist in December 2008

The award celebrates the region's top 100 up-and-coming privately owned technology companies

http://herringresearch.com/eventspace/blqtrx_event_home/asia08/redherring100.html