Interoperability?

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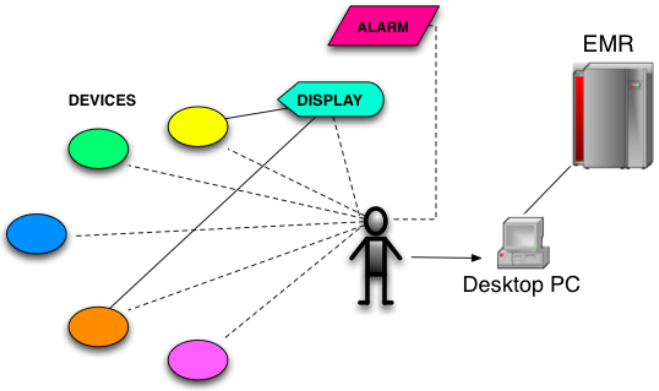
Devices

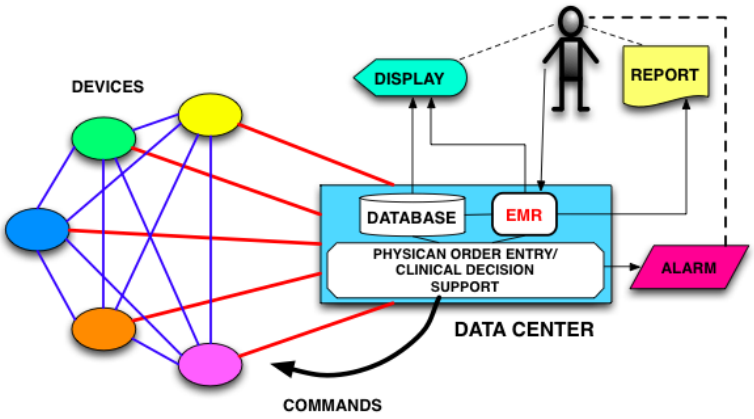
- Electrocardiogram
- Blood pressure
- Pulse oximeter
- Thermometer
- Scale
- Capnograph
- Central venous pressure
- Electroencephalograph
- Infusion pump
- Ventilator
- Blood gas analyzer
- Desktop computers
- Laptop computers
- Tablets
- Smartphones

Mixed Use

Old Way to Monitor Devices



New Device Data Paths



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  - http://www.wi-fi.org/knowledge-center/white-papers/wi-fi®-healthcare-improving-user-experience-connected-hospital
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Additional References

- "Medical Device Interoperability A Safer Path Forward"
  - http://www.aami.org/publications/summits/2012_Interoperability_Summit_Report.pdf
- "Tackling Interoperability: What´s being done? Efforts, Working together, Impact"
  - http://www.aami.org/2013handouts/facchinetti.pdf

Links for references…

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Hospital Field Trip for Developers

SVForum Healthcare IT SIG

www.meetup.com/SVForum-HealthcareITSIG/

Register at the site and watch for announcements

Ed Cantwell, Executive Director, Center for Medical Interoperability

Chinmay Singh, Head of Healthcare Business Unit, Meru Networks

John Mattison, MD, Chief Medical Information Officer, Kaiser Permanente

AN INSIDE LOOK AT INTEROPERABILITY IN THE HOSPITAL ECOSYSTEM: HOSPITAL IT, INFRASTRUCTURE PROVIDER, AND WIRELESS UTILITY PERSPECTIVES UNVEILED