



Leapfrog Group Objectives

To improve ICU care with the objective of saving 50,000 Lives per year

Recommendation for full-time intensivist staffing, however, only 6,000 specialists available with 25,000 needed without eICU's



CLINICAL BENEFITS

- Reduce Mortality by 29-49%
- Reduce Ventilator Acquired Pneumonia by 81%
- Reduction of bloodstream infections
- Achieve 100% ventilator bundle compliance



ECONOMIC BENEFITS

Reduction in LOS for ICU patients 10-20%

Cost reductions for ancillary ICU services 6-18%

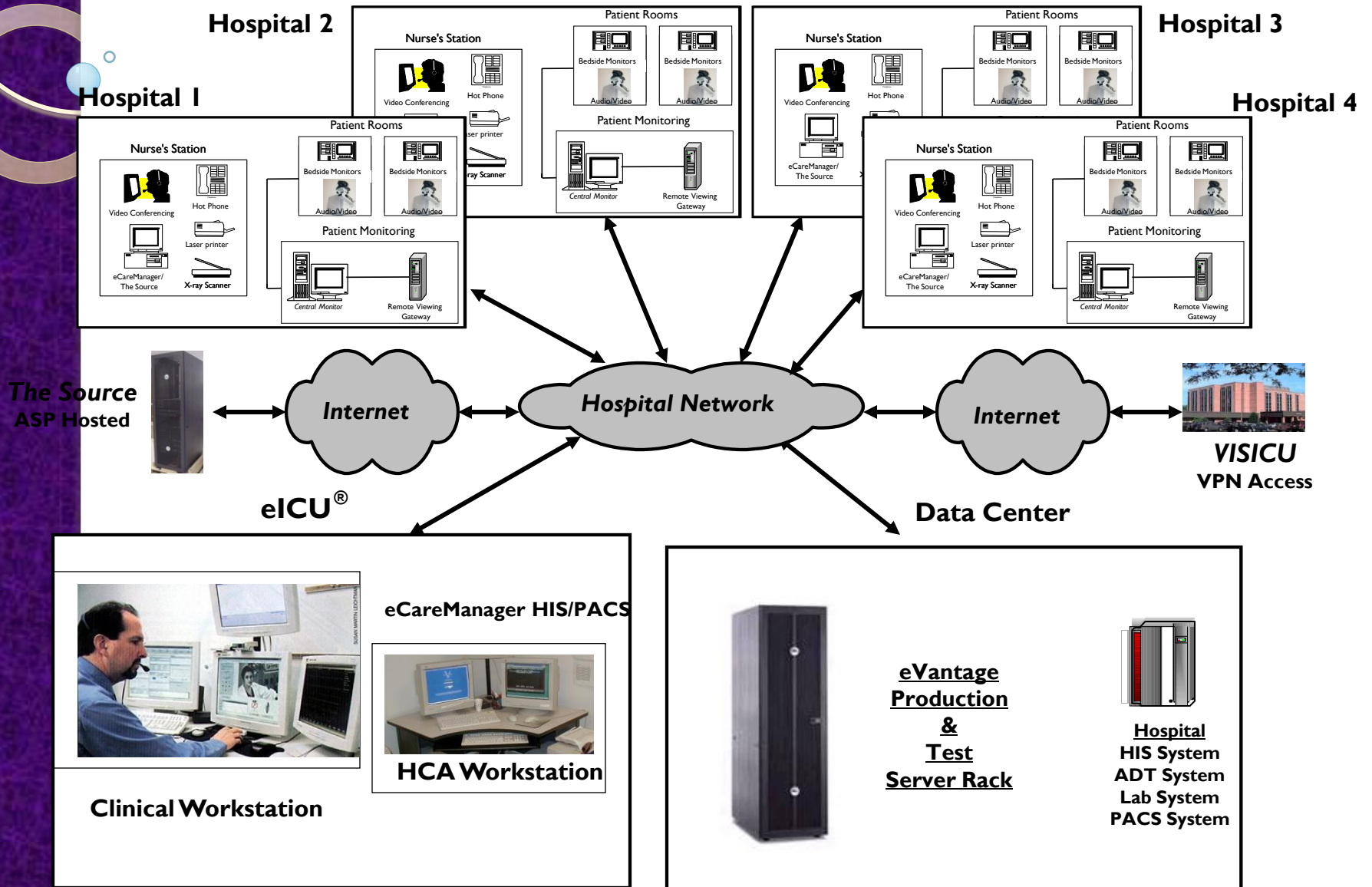
Increase ICU capacity 15-20% by freeing up ICU resources
(predicted need for ICU expected to double in the next 15 years)



eICU Functionality

- ***Telesurveillance/Teleconferencing***
- ***Electronic Patient Record***
- ***Real-time Vital Signs***
- ***Continuous Data Analysis***
- ***Decision Support***

Technical Overview - Architecture





Hospital Pricing

Avg ICU room and bed: \$1860

Avg ICU cost per day: \$3000-4000
(excludes surgical costs)

Avg annual intensivist salary: \$296,034

Estimated Cost per Bed for eICU: \$ 16,200



Benefits

Cost Savings of \$150,000 annually

- **ICU Room and Board**
- **Additional ICU Capacity**
- **Shared Intensivist across system(s)**