



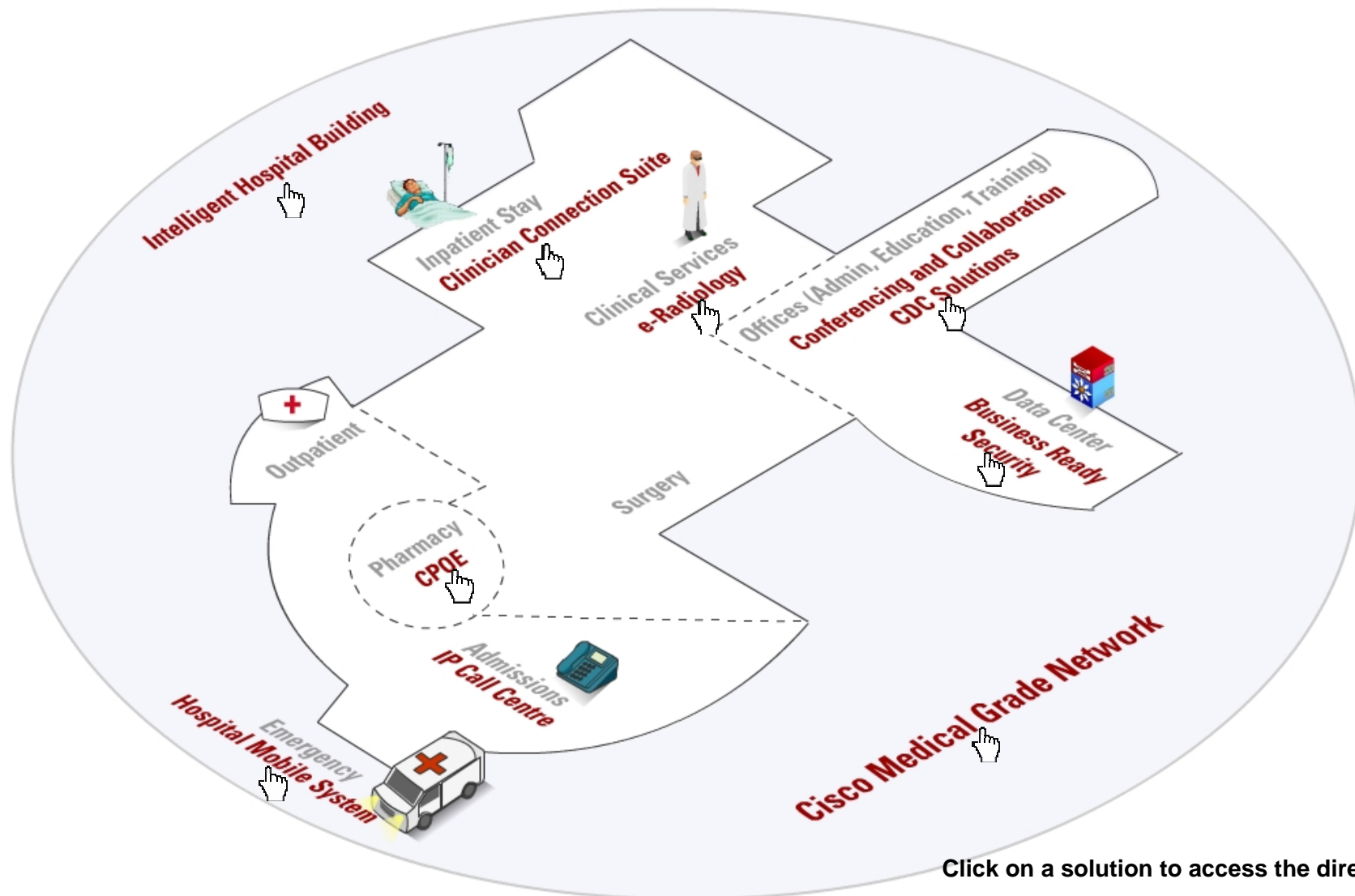
# The Cisco Clinical Connection Suite

**Vincent Lim**

**Business Solutions Manager – Healthcare**

**Cisco Asia Pacific**

# Cisco Healthcare Business Solutions Suite

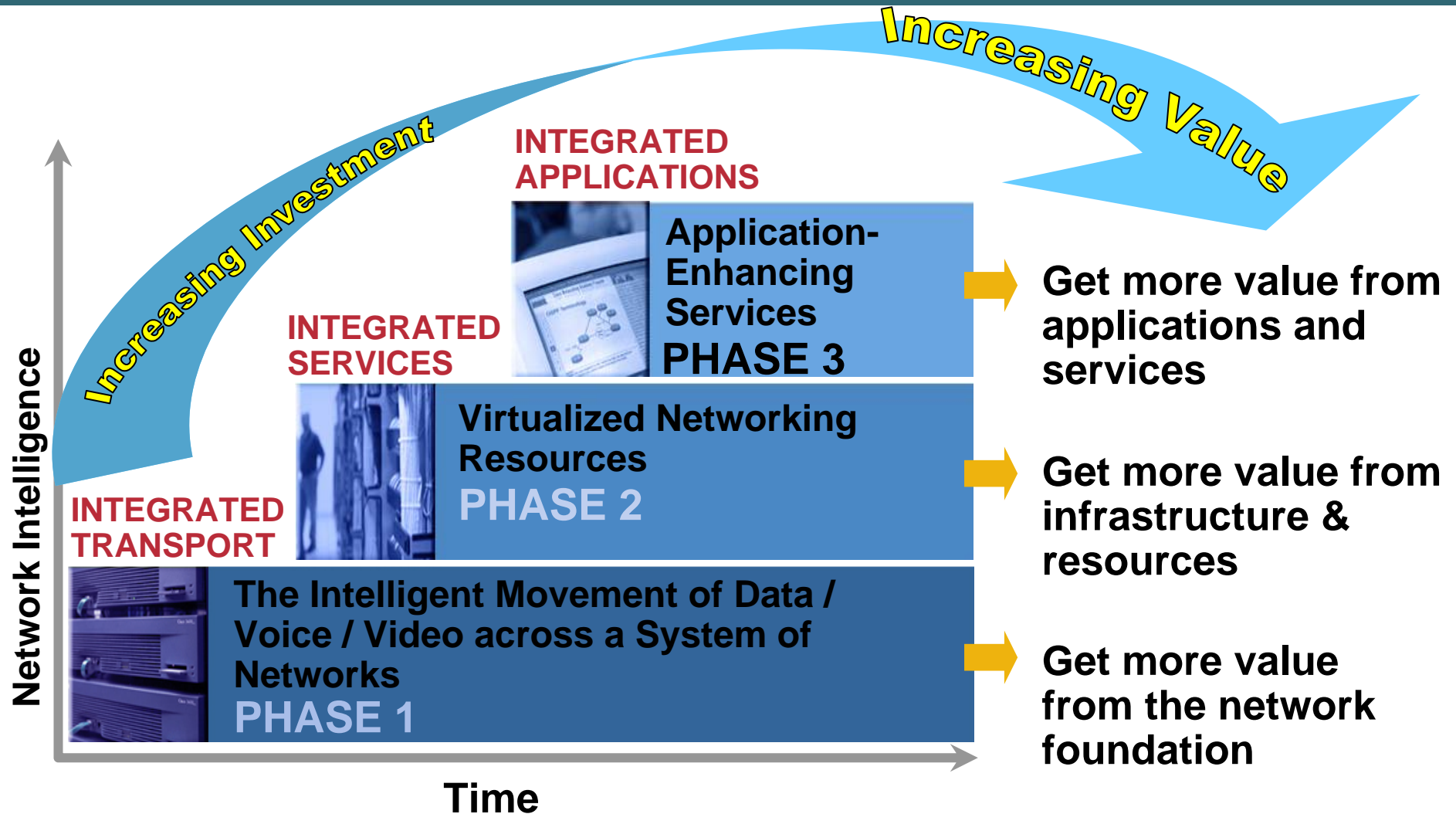


Click on a solution to access the direct slide

# Clinical Connection Suite



# Cisco's Technology Vision: The Intelligent Information Network



# Clinical Connection Suite

Business  
Drivers

Business  
Solutions

Network  
Technologies

**Patient Safety, Quality of Care, Patient Satisfaction, Cost Challenges, Staff Satisfaction, Regulatory Compliance**



## Medical-Grade Network

- Assessment Tool
- Architectures

# Clinical Connection Suite: What is It?

**Nurse Call**

**Patient  
Monitoring**

**Location-Based  
Services**

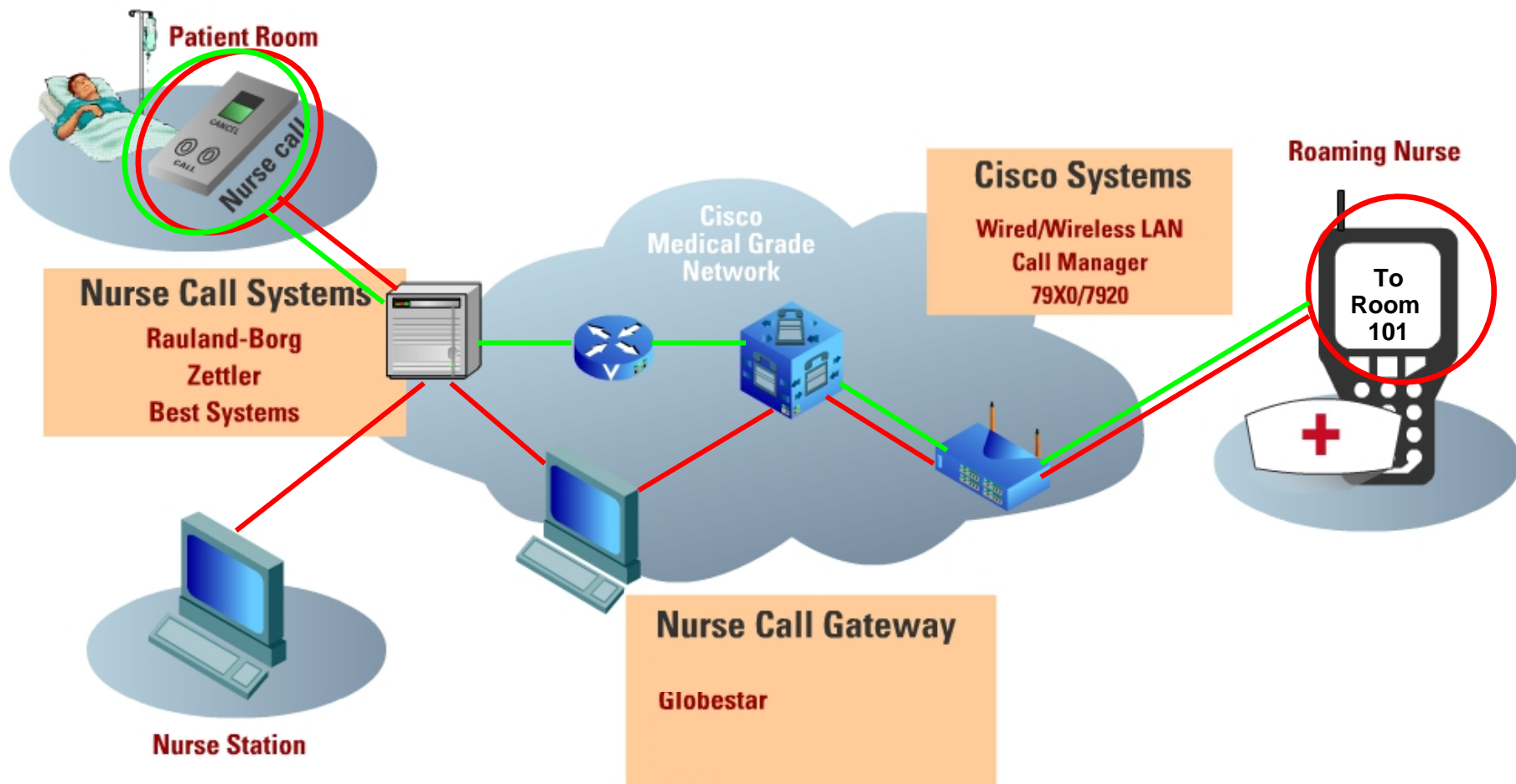
**Collaborative  
Care**

**Medical-Grade Network**



# Nurse Call & Patient Monitoring

# Nurse Call





# Nurse Call Capabilities and Benefits

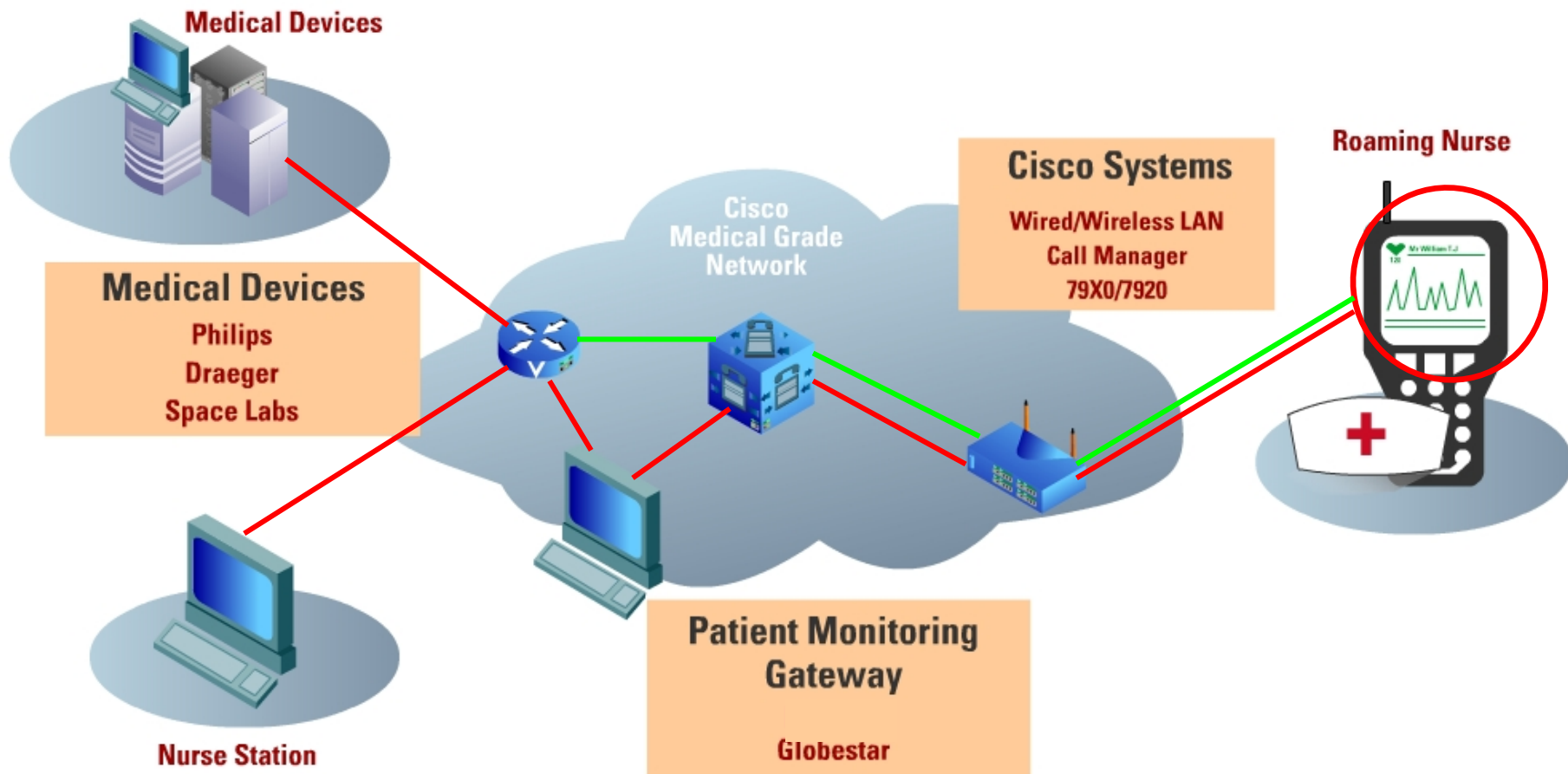
## Capabilities

- Real-time, rules-based delivery of 'nurse-calls' with 1-touch call back to patient location
- Customizable alert routing with rules-based escalation
- Message and alert management

## Benefits

- Multiple functions on a single device
- Improved communication through direct and rules-based messaging
- Real-time alerts and escalation rules shortens response times

# Patient Monitoring



# Patient Monitoring Capabilities and Benefits

## Capabilities

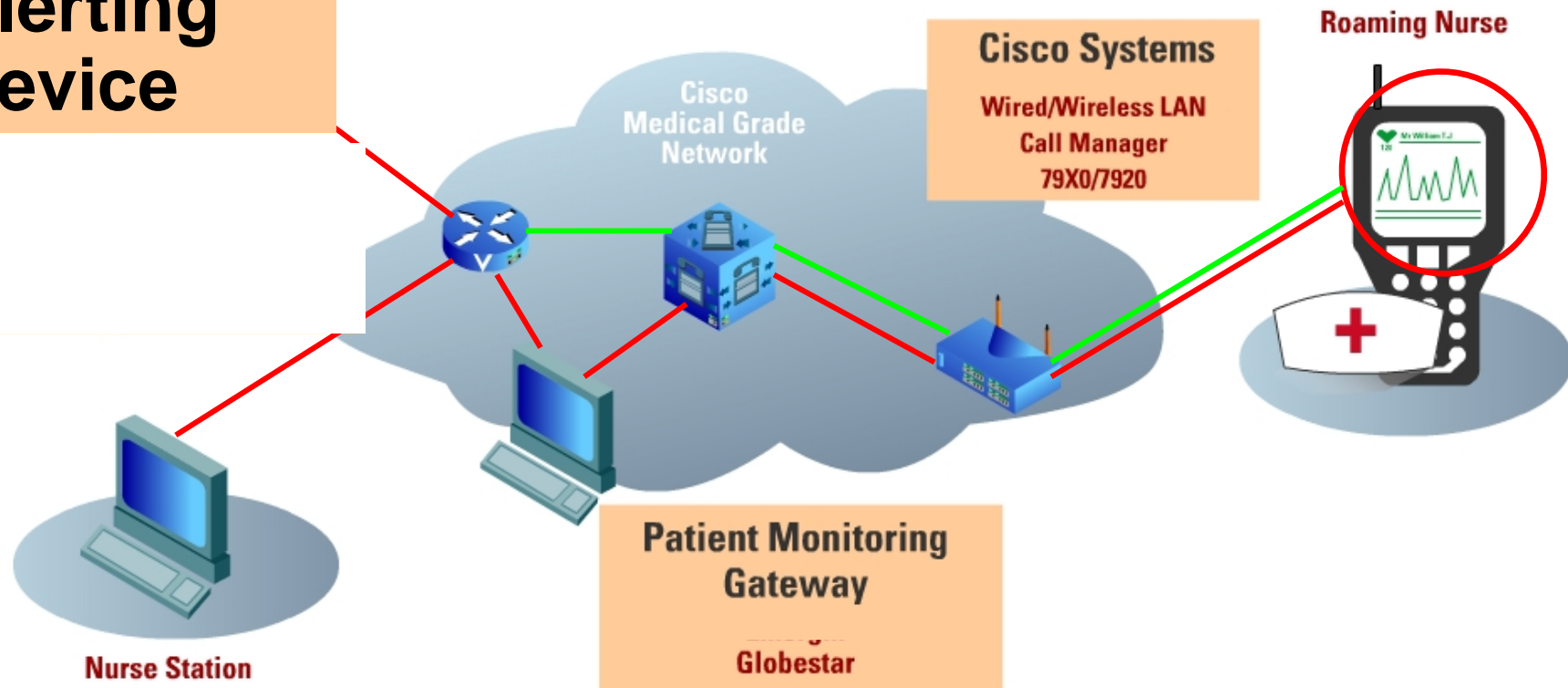
- Text and waveform transmission of patient information
- Supports patient and clinician mobility
- Customizable alert routing with rules-based escalation

## Benefits

- Utilizes existing network for wired and wireless monitoring
- Timely delivery of medical alerts to clinicians allowing them to respond quickly
- Patient monitoring waveforms on mobile devices improves clinical decisions

# Improved Communications through Network Intelligence

**Any  
Alerting  
Device**





# Questions?



# Location-Based Services & Collaborative Care

# Location Services in Healthcare

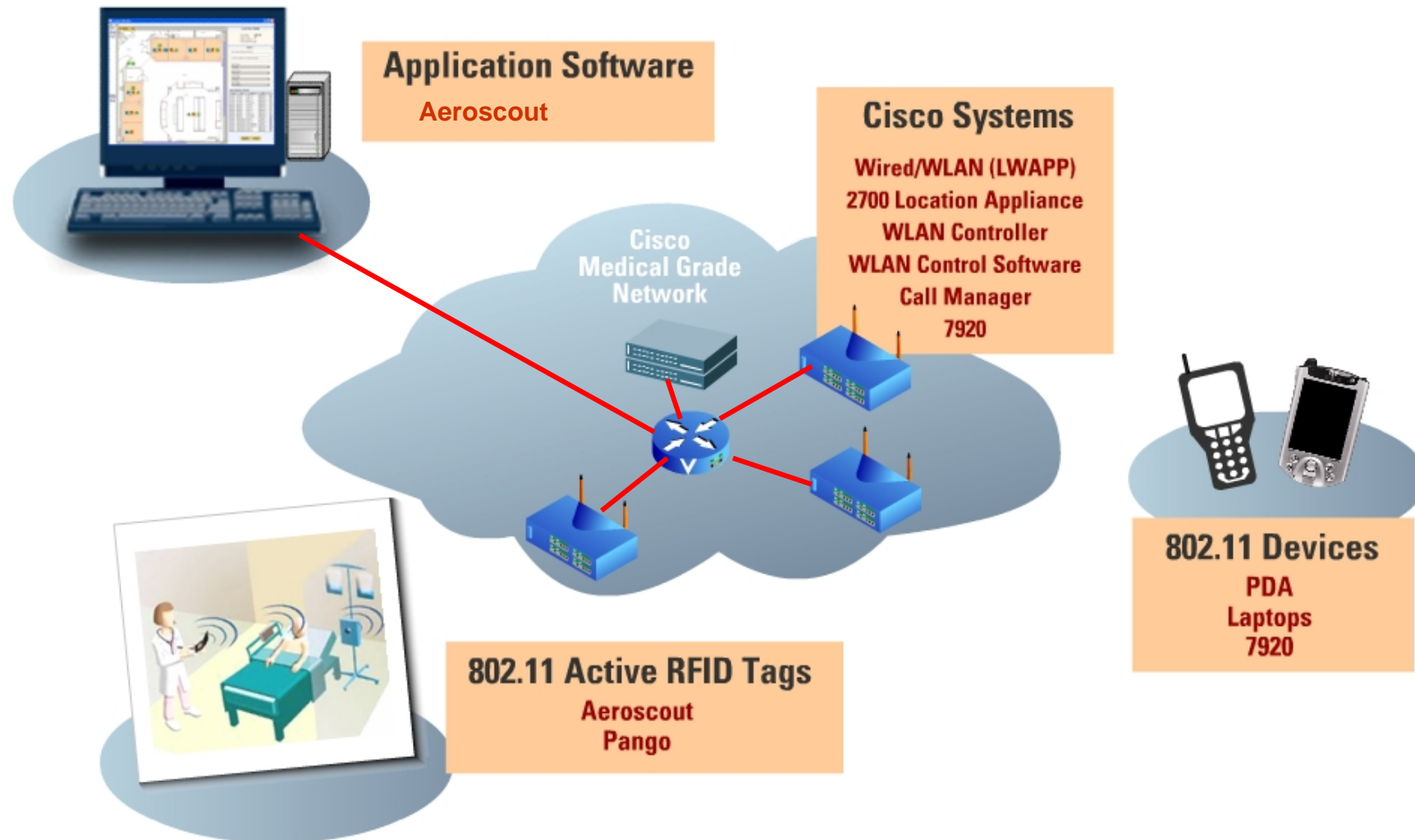
- A typical 400-bed healthcare facility can save \$400,000–\$500,000 annually by **reducing short-term equipment leases** through loss prevention, fewer purchases and labor savings.

Sample **workflow for key healthcare assets** – 8 hours to do preventive maintenance on IV pump: 7 hours to find it, and 1 hour to do it.

- When **asset visibility is integrated** into a hospital's Admission Discharge Transfer (ADT) application, a 400-bed facility can save up to \$400,000–\$500,000/year, but gain up to \$1M of revenue from optimized bed turns.

\*Source: Pango Networks

# Real-Time Location Services





# Location-Based Services Capabilities and Benefits

## Capabilities

- Graphic display of the location of valuable assets with criteria-based searches
- Zone alarms and notifications
- Audit trails for usage and location management

## Benefits

- Less time spent searching for people and equipment improves patient and staff satisfaction
- Cost savings through loss prevention and effective management and use of assets
- Quickly and easily locate assets for regulatory audits

# Location-Based Services System – Assets Search

AeroScout MobileView - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Home Contact Help

**AeroScout**

AeroScout MobileView v3.0 (b03.66)

The Boss (SysAdmin) Logout

MobileView Administration

Tools

- Asset Locator
- Event Viewer
- Reports

Asset Locator

Search

Filter criteria:

Asset Name	<input type="text"/>
Serial#	<input type="text"/>
MAC	<input type="text"/>
Type	All
Category	<input type="text"/>
Location	<input type="text"/>

Search

Sort order:

- Asset Name
- Timestamp
- Serial#
- MAC
- Type

Asset Name	Area	Timestamp	Serial#	MAC	Type	X	Y
Search result specified by the criteria contains no result. Please specify different criteria							

Done Internet

# Location-Based Services System – Events Alert

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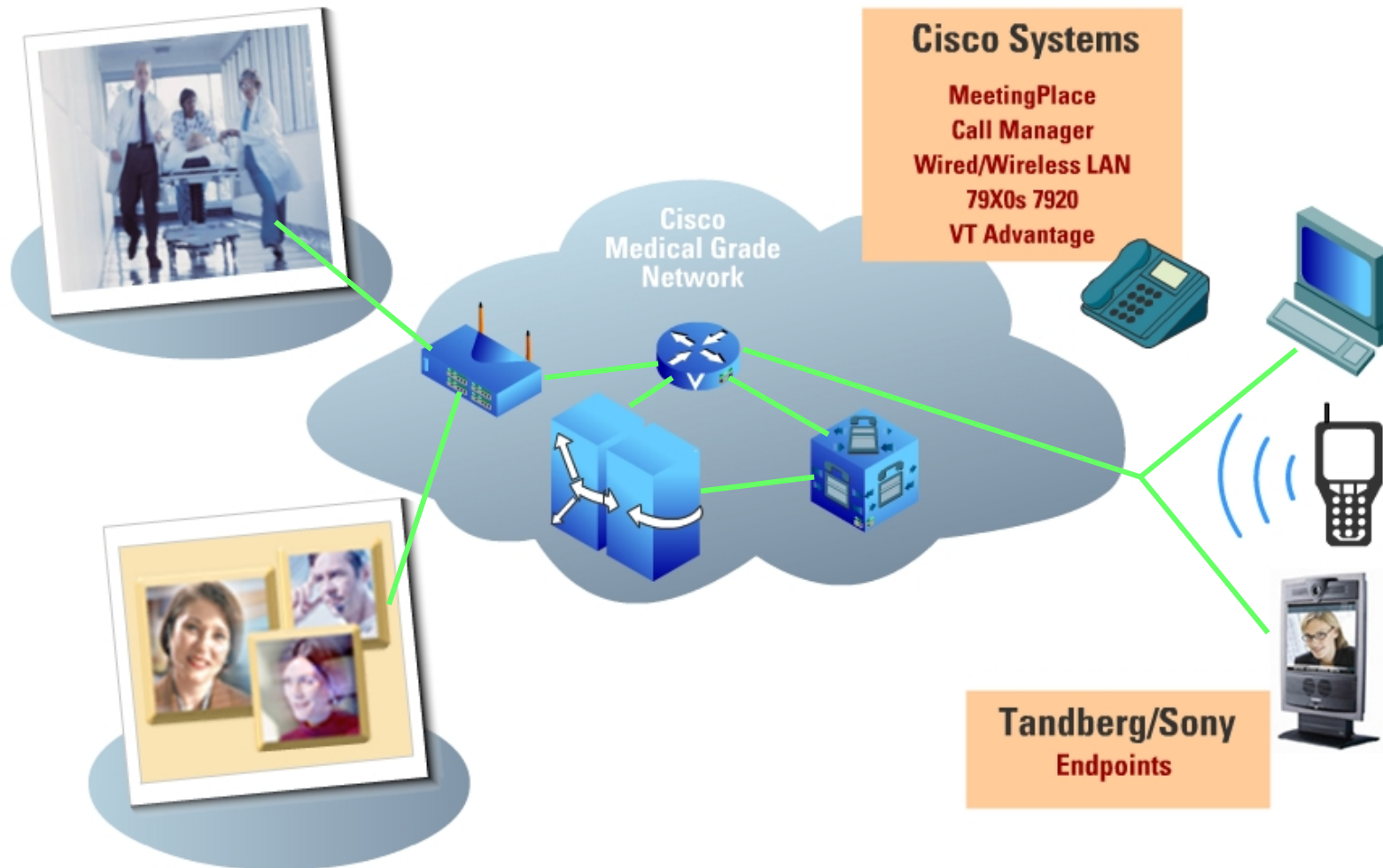
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Done Internet

# Collaborative Care



# Capabilities & Benefits

## Capabilities

- **Quickly assemble crisis management teams**
  - Team out-dials triggered as soon as the first person joins the call
  - A prerecorded status message can be made available to each attendee to hear before joining the call
  - Dedicate resources to guarantee availability
- **Easily establish an immediate, multi-party conference call with clinicians to discuss patient care**
- **Interpreters to bridge language and culture differences with video conferencing**
- **Provide consultations to remote patients with video conferencing**

## Benefits

- **Quickly assemble a team in crisis situations to take immediate action**
  - Code Blue
  - Code Red
  - Code Pink
- **Improve service quality and quality of care by effectively communicating with patients**
- **Provide faster response times to patient needs**
- **Access to specialists without sacrificing travel time**



# Questions?

