Patient Home Monitoring with Telehealth Technologies in Queensland Health

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Statewide Telehealth Services

- Clinical & non-clinical videoconferencing
- Procure, maintain & support 600+ VC units around the state
- Predominately mobile trolley and room-based systems
- VC infrastructure in Brisbane
- Multi-point bridging
Project Background - A Videoconference Solution in the Patient’s Home

• Focus on rural and remote areas of QLD
• A need to reduce patient travel
• Greater access to specialist services
Project Requirements

- Highly user-friendly solution
- Compatible/Supportable
- Secure
- Mobility/portability
Solutions

• Tandberg E20
  - (Desktop Videoconferencing)

• Tandberg MOVI
  - (PC Videoconferencing)
Tandberg E20 (Desktop Videoconferencing)
Tandberg MOVI (PC Videoconferencing)
QLD Health’s Videoconference Network
Firewall Traversal
Connectivity Options

1. Installing a dedicated Internet service
2. Assessing patient’s current Internet capabilities (if any)
3. Next G

- All these above options will use Telehealth’s Tandberg VCS Expressway (Firewall Traversal)
Dedicated Internet Service

**Pros**
- Should provide good level quality of service

**Cons**
- Installation charges
- Permanent solution
Assessing Patient’s Internet

Pros
• Should provide good level quality of service
• Service is already in place

Cons
• Competing bandwidth
• Potential extra costs to patient
Next G

Pros
• Greater coverage
• Mobility/portability
• No installations in patient’s home
• All billing back to QLD Health

Cons
• Potential lower quality of service
Problems

- Videoconference network changes
- Legal issues
- Security (Firewall)
Thank you