SEIPS – Mobile Framework for Design Evaluation

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mLife Project

• Telemedicine + ambulance technology
  • Modular hardware & software design
  • Intelligent Communications Manager (ICM)
4 Major Contexts:
- Standard emergency medical response
- Disaster relief
  + Trauma
  + Community disease
- Industrial health
- Mobile underserved chronic care
  + Mobile health; not geographically locked
mLife Project

Advantages:
- Configurable hardware
- Configurable software
- **Configurable evaluation?**
SEIPS 2.0

(Holden et. al, 2013)
3 Phase Process:
- System description
- Problem identification
- Tool Selection

Effect of Project Phase on Cost & Effectiveness

Change Effectiveness
Change Cost

Technical Maturity
• Domain extension of SEIPS 2.0
• Developer oriented
• Mobile health focused
  – Useful in other contexts?
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Questions?