Procuring Interoperability
System-wide Strategic Considerations

Ed Miller, Chief Technology Officer
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Leadership

- Clinical
- Technical
- Ecosystem
- Economic Architecture
- Regulatory
  - Health System Adoption
Begin With The End In Mind – Data Liquidity

Empower members with data fluidity in a secure architecture

- Modular
- Services Based
- Scalable
- Trusted
- Vendor Neutral
Current State Is Proprietary, High Cost And Unsustainable

Electronic Health Records

Other Applications (CDS, 3rd Party, Analytics, etc.)

Closed Middleware Solution
<Enterprise Component>

Closed Middleware
<Bedside Component>

Vendor Gateways and IT Systems

Networked Medical Devices

Non-Networked Devices

Manual Data Entry

Proprietary
Standards-Based
Patients And Caregivers Need Data Liquidity

Medical Interoperability Platform
(API-based architecture)

- Electronic Health Records
- Population Health
- Precision/Personalized Medicine

The Patient

Patients benefit when information flows well across the layers, enabling better outcomes.

STANDARDS-BASED

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Interoperability Maturity Model
Using Data Liquidity To Improve Clinical Outcomes

Infrastructure
How connected, secure and resilient is your health system's infrastructure?

Contextual/Dynamic
Do your information exchanges enable safety and optimal decisions?

Syntactic
Is information your system needs to exchange properly formatted to meet your needs?

Orchestration
Is the information exchange sequenced to meet your needs?

Terminology/Semantics
Do the places that send and receive your data speak the same language?
The Power Of Leadership
Cable Industry CEO’s Strategic Decision To Align Around Interoperability

U.S. Cable Growth

Source: SNL Kagan