eHealth Ireland & Northern Ireland Connected Health Ecosystem
members of the ECHAlliance International Ecosystem Network

Addressing the challenges of delivering healthcare innovation

Jane Carolan, Interim CIO & National Director Health Business Services, HSE Ireland

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Addressing the Challenges of Delivering Healthcare

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Knowledge & Information Plan

Integrated, Patient Centric, Efficient Care Delivery

Clinical & Information Governance

- Care Delivery Enablement
- Electronic Health Records
- Cross Setting Information Integration
- Health Service Insights
- National Support Systems

Knowledge & Information Delivery Transformation
EHR for Ireland

Moving from paper records locked in organisations to a digital patient record shared across care settings

The “glue” that binds all this together and maintains integrity and security across the system

Other healthcare providers will access and contribute to the National Shared Record through the Integration Capability

The Individual Health Identifier Programme is a key enabler that allows information to be shared about a patient

The eHealth Blueprint will be enabling connected health through digital
Evolving to a single solution set will require agility and a governance approach that supports a dynamic environment.
What if our culture.... could be our advantage?

eHealth Ireland will be Enabling Connected Health Through Digital
“I want the HSE to have a more digitally connected workforce. The modern healthcare system must value connectivity highly and we need to embrace this in every way we can. In investing in our staff, and supporting them with the tools they need, we in turn are better able to provide a safer, more efficient and ultimately better service to our patients and to the public.” Tony O'Brien, Director General, HSE

www.hse.ie/eng/about/Who/OoCIO/digital-identity
The old patient paradigm

Reactive
Disconnected
Cyclical
eHealth Ireland will be Enabling Connected Health Through Digital
The new patient paradigm

Preventive

Connected

Continuous

Proactive wellness plan

Personalised treatments

Connected consumers

Connected care partners

Connected devices

Remote monitoring
Research and Insights:

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Projects – LightHouse

Epilepsy
- First instance of epilepsy genomic sequencing being included in an EHR
- €5m a year to be saved in 2017

Haemophilia
- Ireland’s first health care supply chain management solution deployed to patients’ homes
- Over €20m saving in first 3 years

Bipolar Disorder
- Patient mobile access to electronic health record and ‘mood recording’
- Hackathon approach supporting innovation and jobs

eHealth Ireland will be Enabling Connected Health Through Digital
**SAMR LADDER**

**Substitution**: What will I gain by replacing the older technology with the new technology?

**Substitution to Augmentation**: Have I added an improvement to the task process that could not be accomplished with the older technology at a fundamental level? How does this feature contribute to my design?

**Augmentation to Modification**: How is the original task being modified? Does this modification fundamentally depend upon the new technology? How does this modification contribute to my design?

**Modification to Redefinition**: What is the new task? Will any portion of the original task be retained? How is the new task uniquely made possible by the new technology? How does it contribute to my design?
We are part of a GLOBAL movement
YOU are part of a GLOBAL movement