eHealth Ireland:
Crossing the digital divide:
A new frontier in healthcare in Ireland

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The World Has Never Been Changing So Fast
The World Has Never Been Changing So Fast... When will it come to health?
Vision
To improve population wellbeing, health service efficiencies and economic opportunity enabled by effective and innovative digital solutions.

Opportunity
Evolve the current system to enable a new high quality healthcare capability for Ireland. A system that enables the delivery of integrated care in a mature and continually improving manner.
Digital, the only way to achieve integrated care...

Injury & Illness are Integrated, just ask John McClane!
Digital, the only way to achieve integrated care...

Injury & Illness are Integrated, just ask John McClane!

- PTSD
- C5 – C7 Spinal Injury
- Injuries leading to Quadriplegia
- Foot tendon lacerations
- Neuroma / Granuloma formation
- Cheloid Scarring
- Extradural Haemorrhage
- Tibial fracture
Digital, the only way to achieve integrated care...

And boy does John need it!
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
The most dangerous phrase in the language is "we've always done it this way."
Personas
Digital Fabric
Engagement
Ownership
I want to kiss the computer every time I successfully log in. Breda, Midwife

It took me 1 hour and 4 minutes to complete my first booking visit. I cut it down to 37 minutes just after my second. We are cooking now. Siobhan, Doctor

This is a more streamlined way to do things or will be in the future. We will gain so much from this documenting. Marie, Nurse

I'm not so scared about this now. Sabrina, Doctor
Projects - Individual Health Identifier

- **NAME**
- **PPSN**: 12/08/87
- **DATE OF BIRTH**
- **ADDRESS**
- **NATIONALITY**
Projects - eReferral

![Graph showing electronic general referrals over time with estimated savings based on two separate metrics.]

<table>
<thead>
<tr>
<th>Estimated Savings based on two separate metrics</th>
<th>Direct Cost Only (paper, envelopes, print and postage costs)</th>
<th>Administrative Savings (incl. direct cost)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Savings</td>
<td>€ 85,426</td>
<td>€ 171,255</td>
</tr>
<tr>
<td>Predicted Savings if 100% OPD eReferrals</td>
<td>€ 1,293,078</td>
<td>€ 2,592,263</td>
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</table>
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
Agile Engagement

Health Tech + eHealth Connect + QIC + #Digi Challenge
Donna - Louis, have you ever heard of ‘A’ Jack Story?
Louis - No?
Donna - Well, it's time you did!
Starting Point!
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

4 Components

- National Shared Record
- Community Operational Systems
- Acute Operational Systems
- GP Systems
- Pharmacy
- Privates

The Individual Health Identifier

eHealth Blueprint

@eHealthIreland
EVERYONE HAS A PLAN 'TILL THEY GET PUNCHED IN THE MOUTH.

Mike Tyson
Evolving to a single solution set will require agility and a governance approach that supports a dynamic environment.
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