

Co-operation and Working Together (CAWT)

ICT Solutions in Dialysis Delivery

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Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

cooperation and working together

for health gain and social well being in border areas



ICT Solutions in Dialysis Delivery

- Yesterday
- Today
- Tomorrow



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ICT = *COMMUNICATION*

- CAWT
- Challenges
- Configuration
- Collaboration
- Computerised Renal System
- Celebration



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ICT Contribution

2004, Project Objective :

“The objective of this project is to implement a cross border inter-site, renal information system...This system **must** be compatible with the current system based in the renal unit in Belfast City Hospital Trust and the other three sub-regional renal units based within N.I”.

Daisy Hill Hospital, Newry.

Sligo, Letterkenny and Cavan General Hospitals in ROI

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Challenges En-route...

- Infrastructure & Network Configuration
- Understanding New Technologies
- Teams working across Boundaries
- Resolution of ICT related problems
- Lack of ICT Resources & Funding

Leitrim

Fermanagh

Armagh

Monaghan

Cavan

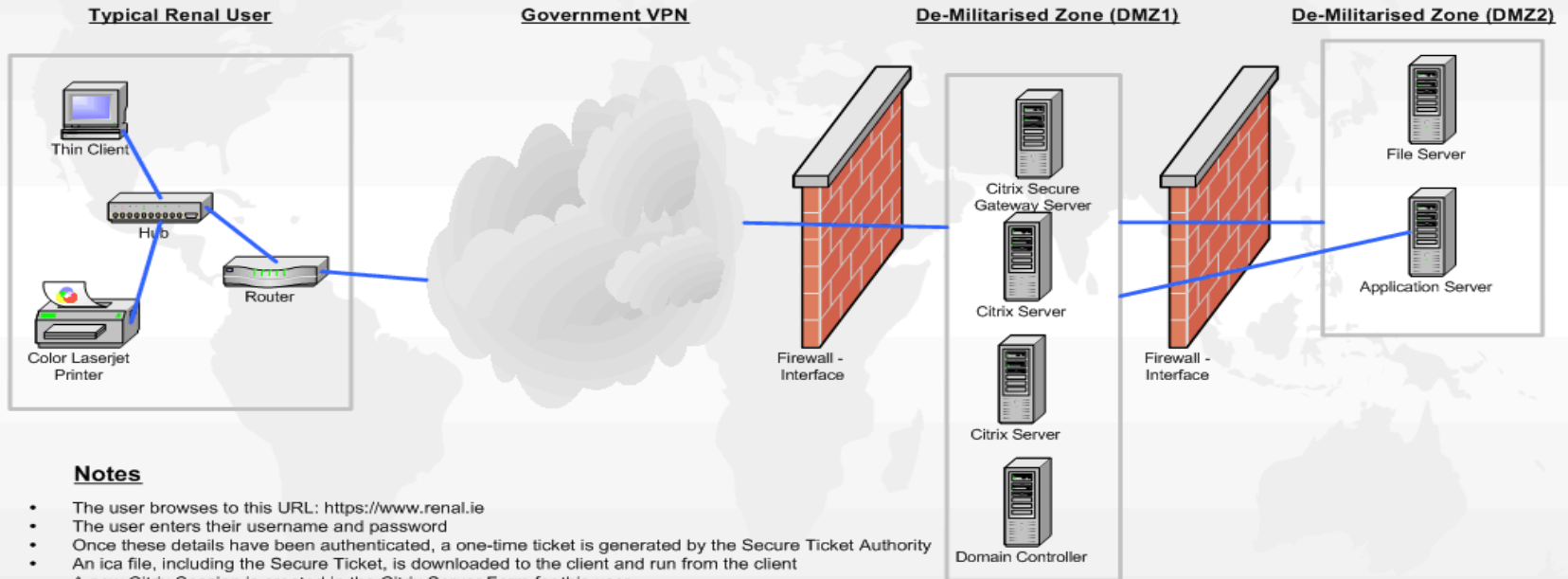
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Configuration

HSENEA - CITRIX ENVIRONMENT



Notes

- The user browses to this URL: <https://www.renal.ie>
- The user enters their username and password
- Once these details have been authenticated, a one-time ticket is generated by the Secure Ticket Authority
- An ica file, including the Secure Ticket, is downloaded to the client and run from the client
- A new Citrix Session is created in the Citrix Server Farm for this user
- All traffic destined for this user is encrypted by the Secure Gateway servers before being passed to the client
- Similarly, all traffic destined for the Citrix Server is Decrypted by the Secure Gateway Servers before being passed to the Citrix Server
- All traffic leaving the Network travels over port 443 and has 128bits of encryption
- There is never a direct connection between the Client and DMZ2

Today

- Cross-border, Inter-site, Renal Information System.
 - Interfaces Operational & Planned
 - Mobile Patient Care
- Partnerships between Multi-Disciplinary Teams
- Technical Expertise
- Good Communication at all levels



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The Future ??...

- 2008 “HSE Achievements Awards”
- National Renal System
- ICT Research project :
“*Electronic Exchange of Information*”
- Patient Care across Borders

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New CAWT Cross-Border GP Out of Hours Service



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Issues/Considerations...

- Data/Information Sharing Protocols
- Patient Consent
- “Trusted Partners”
- Groups :
 - » Geographical/Technical
 - » Professional / Legal
 - » Financial
 - » Transport
 - » Communications/Engagement

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Expansion of Renal

- Involvement & Approval at National Level- N&S
- HSE – “ICT Project Approval Process ” :
 - CMOD/Department of Finance Approval
 - Strong Business Case to support proposal
 - Dedicated Project Resources & Funding

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Co-Operation & Working Together



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CAWT

Donegal

L'Derry

Thank You For Your Attention

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Fermanagh

Armagh

Cavan

Monaghan

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