AEONIX
Case Study

Waterford Hospital

HEALTH CARE

TADIRAN. SIMPLY DONE RIGTH

Waterford Hospital

Waterford University Hospital is a public teaching hospital located in Waterford, Ireland. It is managed by the Irish Government's Health Service Executive (HSE) and provides acute-care hospital services, including a 24 hours emergency services department. Annually, the hospital serves 123,000 out-patients, and 23,000 in-house-patients

The hospital provides 429 beds, of which 71 are reserved for acute day cases. Forty five additional beds are for psychiatric services. The facility employs 1800 staff members. The hospital is one of the eight cancer centers of the HSE's National Cancer Control Program and one of two centers in the HSE South Network.

Challenges

The customer was facing the frustrating situation of the end-of-life of their legacy Siemens system. On the one hand, new technologies were available which would no doubt improve their communications. On the other hand, there was the existing investment in telephones and cables which were still operational, and cost a substantial investment to replace.

At first, the customer thought the only way to retain as much of their initial investment as possible was to stay with the legacy manufacturer. Over time, Diacom (Tadiran's partner in Ireland) convinced the customer to employ a migration strategy to deploy Tadiran's CSS/Aeonix platform.

Project Deployment

The Tadiran solution involved the deployment of dual CSS voice servers in the main hospital with single CSS servers in St. Otterans and St. Patrick's. All four CSS voice servers are configured as a single cluster to provide N+N redundancy. The CSS servers, installed to support the CSS voice server application, are DELL "R610" servers.

The CSS system supports 2,000 ports across the entire hospital campus. The CSS system operates as a single unified VoIP system with an integrated numbering plan, desk to desk dialing and a common set of features. The CSS applications include centralized computer based operator consoles, emergency paging, voice mail and staff mobility.

Product Used

Sea Softswitch, Wave 3000 Gateway

3 Hospitals
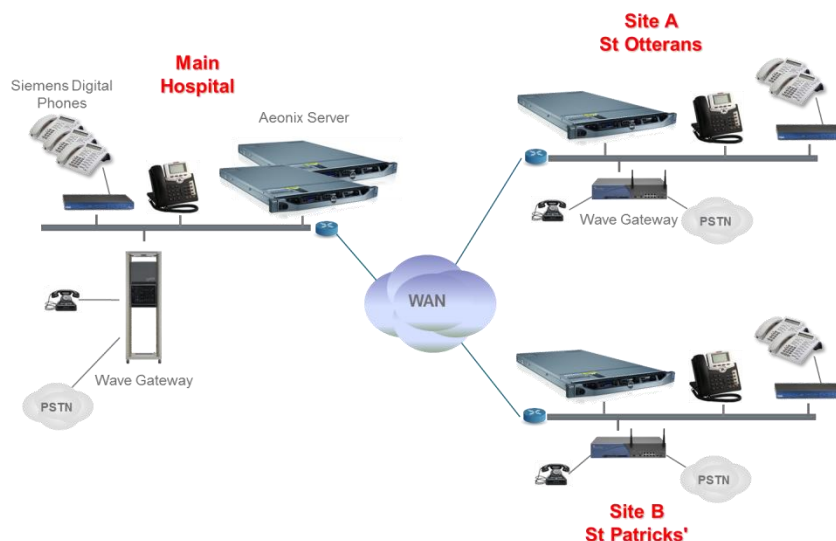
4 x CSS VOIP Servers

2,000 ports

1200 SIP Endpoints

100 MGCP IP Phones

336 Analog Extensions

Business Partner: Diacom Computer Telephony

Topology

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Israel +972-3-9262000

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China +86-10-58696418

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Aeonix is a pure software based Unified Communications & Collaboration solution (UC&C) that consolidates disparate business applications into a single powerful platform. It is delivered on a fault tolerant and open architecture, with intuitive management tools. Aeonix can be deployed in a private cloud environment or as an on premise solution.

Your Benefits

Scalability- Aeonix has the ability to extend customer networks based on current demand and changing needs. The open-ended architecture allows customers flexibility to buy and install only what they currently need, and to add users, remote locations and additional applications as they become necessary. The standard system solution has the ability to provide service from 10 to 25,000 users

Simplicity- Aeonix includes unified management of all system services and applications. An intuitive GUI and a simple licensing mechanism make it easy to install, manage and maintain. Adding users, remote sites, or applications to one Aeonix server, is the same as adding them to every server in the network

Open Architecture- Aeonix supports standard protocols such as SIP (unmodified), CSTA, and Web Services. This non-proprietary architecture allows customers to seamlessly integrate a variety of common applications and to add desired devices to the system (Bring Your Own Device). Security protocols are implemented to ensure the system's integrity and prevent unauthorized operations

Resiliency- A system can consist of one or many servers while each Aeonix server provides complete 100% application functionality. In a "clustered" (multi-server) environment, automated diagnostics and recovery mechanisms deliver the highest levels of fault tolerance and failover.

The Aeonix delivers powerful, flexible, and adaptable communications to enterprises both large and small. Its simple unified management structure ensures that customers experience the lowest total cost of ownership (TCO) with minimal IT resources required.

About Tadiran

Tadiran Telecom (TTL) L.P. is a privately held partnership, owned by Afcon Holdings Ltd. and part of the Shlomo Group. It is an established global provider of Unified Communications & Collaboration (UC&C), Contact Center, and Control Room solutions, serving businesses of all sizes, including tier-1 organizations in various market segments in 41 countries worldwide. Tadiran solutions feature a comprehensive family of products including UC platforms, IP PBXs, soft switches, contact centers, Dispatch Console, IP phones and mobility and desktop solutions.