

# NOVI

Cyber, Cloud & Proactive IT Services

Case Study

# Mater Hospital

Novi OneCloud

Mater Hospital uses Novi OneCloud to securely  
manage green infrastructure project



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The Mater Hospital is major teaching hospital which provides a range of frontline and specialist services on a regional and national level. Treating over 360,000 patients per year, the Mater requires a reliable, sustainable and cost-efficient energy supply to maintain a modern patient care environment.

The hospital is undertaking a major green retrofit of its infrastructure to reduce its carbon footprint and cut its energy and operational costs. The 15 year energy infrastructure project includes the introduction of a new campus-wide heating network and upgraded air conditioning system, the replacement of windows and doors throughout the hospital to reduce heat loss, and the installation of new low energy lighting fixtures.

## Challenge

The move to a greener energy solution is a major project for the Mater Hospital, with a wide range of parties involved - from the project manager, to hospital staff, to the lead contractor and various subcontractors, including electricians, window fitters and carpenters. Co-ordinating this large group would be an unwieldy task if using only email and free file sharing sites. For a better user experience and centralised management of the project, the hospital desired a single collaboration platform.

It was also important that this platform stood alone and did not place additional stress on the hospital's IT network. This would also ensure that third-party contractors and parties would not have direct access to the hospital's network - important for data security.

Alan Sharp, Strategic Director of Estates and Facilities, Mater Misericordiae University Hospital, said: "Given the magnitude and huge body of people involved in this energy infrastructure project, we required a secure and easy to set-up collaboration platform that would allow us to get the project up and running quickly."

## Why Novi

- Passion for helping customers grow through better IT
- Proven cloud and security expertise
- Proactive Service Model
- Flexible managed security and services offering

## Solution

Given these requirements, the Mater Hospital chose Novi to customise, implement and provide ongoing management of its OneCloud platform. Novi OneCloud provides a centralised cloud platform to enable secure collaboration and easy file sharing between everyone involved across the life of the project.

The platform is available across all devices - including laptops, tablets and smartphones - enabling contractors to remotely update tasks and activities from on- or offsite. Novi also ensured that team members can use the platform without an internet connection, with the project portal automatically synchronising and updating once they are back online.

Novi OneCloud runs independently from the hospital's existing IT network, which contains sensitive patient data, ensuring the network isn't compromised by third-party access. Novi integrated several layers of security features into the platform, such as two-factor-authentication and file encryption, to ensure minimal risk for the hospital.

## The Features

- Cloud platform enabling easy collaboration
- Single sign-in across all devices and applications
- Complete visibility and control of data
- Online and offline availability
- Two factor authentication and file encryption

## Benefits

The green project will deliver a wide range of energy efficiencies which will reduce the hospital's carbon footprint by 81,000 tonnes, cut imported electricity from the national grid by 77%, and deliver €26 million in guaranteed energy and operational savings. Novi OneCloud is essential to the coordination of all stages of the project: from design, to delivery, to installation, to commissioning and through to operation. The platform enables a level of collaboration that isn't possible using only email and free file sharing sites. Instead of disjointed emails and threads, the centralised platform offers streamlined access which greatly enhances team productivity, leading to a faster turnaround of project deliverables.

As the platform is cloud-based, no expensive capital investment was required by the hospital. Its quick and easy implementation reduced the time taken to initiate the project by 60%.

Security and data control are important considerations for the Mater Hospital. In addition to the robust security measures built into Novi OneCloud, the platform also helps the hospital to adhere to GDPR compliance. It enables complete control over who has access to specific data and for how long, as well as granting the reassurance that all data is stored in Ireland.



# Mater Misericordiae University Hospital

## The Benefits

- No capital expense, fast deployment
- Enhanced productivity
- Faster turnaround of project deliverables
- Aids GDPR compliance
- Avoids placing increased stress on existing networks

## Continued support:

The Novi team provides continued support for the solution - on hand to solve any issues and proactively scanning for possible cyber threats to ensure the Mater Hospital enjoys a reliable, secure and smooth experience on the Novi OneCloud platform.

Alan Sharp said: "Novi supports and manages the entire solution, allowing us to devote our focus to the project without technology getting in the way. The platform has allowed us to co-ordinate the project hassle-free and enabled us to quickly mobilise our distributed team without any complications.

"Security is obviously a big concern for the Mater Hospital, and the extensive data control and multi-layered security features of Novi OneCloud has granted our team great peace of mind. Novi's platform really ticked every box for us and it will have an invaluable benefit in terms of delivering the project both on time and according to plan."

George O'Dowd, Managing Director, Novi, said: "The Mater Hospital's move to a greener energy infrastructure is a win-win for everyone involved. The hospital will enjoy significant cost-savings while greatly reducing its carbon footprint. We're delighted that the Mater chose Novi OneCloud to use modern flexible technology to enable further efficiencies. The cloud platform is perfectly suited to their needs and will create further valuable savings which can be directed to patient care."

## About Novi

Novi is a secure IT and cloud service provider that is passionate about helping customers grow through better, secure and more reliable IT. Its consistent proactivity reduces cyber security and operational risk, enabling customers to grow seamlessly and faster. Novi lowers security risk for clients by 93% with a comprehensive range of cybersecurity technologies and services to protect customers' data and reputation. Novi offers a world leading cloud solution which enables clients to scale their IT as they grow. Through scheduled onsite visits, proactive 24/7 network monitoring and sophisticated data analytics, Novi detects issues before they become a problem, reducing unplanned system outages by 87%. [www.novi.ie](http://www.novi.ie)

## About Mater Misericordiae

### University Hospital

The Mater Misericordiae University Hospital is a level 4 teaching hospital based in Dublin's north inner city. The hospital was opened in 1861 by the Sisters of Mercy. In addition to the local services for our catchment area, the Mater Hospital provides a range of frontline and specialist services on a regional and national level.

The Mater Hospital is the national centre for: Heart surgery; Heart and lung transplants; Extra corporeal life support (ECLS); Spinal injuries; Pulmonary hypertension; Bone anchored hearing aid; National isolation unit; Adult congenital heart disease (ACHD) service; Adult scoliosis; National forensic and post mortem imaging centre; HIPEC.

In the last year, we provided treatment to: 24,750 inpatients; 63,687 day patients; 221,956 outpatients; 82,307 emergency department visits.

The Mater has the highest number of presentations to its emergency departments in Ireland and, based on an assessment by an independent HSE panel, deals with the highest acuity patients in the country. [www.mater.ie](http://www.mater.ie)

