

**Project**

Telstra DAS Upgrade

**Client**

Melbourne Pathology

**Location**

North Melbourne, Victoria

**Outcome**

Nextivity G41 Repeaters

MELBOURNE  
PATHOLOGY**Melbourne  
Pathology**

North Melbourne, VIC

**For over a century, Melbourne Pathology has been a cornerstone of Victoria's healthcare system, originating from the pioneering work of Dr Douglas John Thomas. As a respected diagnostic centre, Melbourne Pathology supports hospitals and clinics with vital services, making them a critical asset to the healthcare community.**

## The Project

The project aimed to upgrade Melbourne Pathology's telecommunication systems from 3G Telstra to 4G Telstra, enhancing mobile phone signal strength and coverage in their multi-level office area and warehousing facilities. The goal was to ensure continuous and reliable 4G connectivity, facilitating better coordination, increased productivity, and seamless communication for all personnel at Melbourne Pathology. This upgrade was essential to support their critical role in providing vital diagnostic services to hospitals and clinics across Victoria.

## The Challenges

The project to upgrade Melbourne Pathology's telecommunication systems from 3G Telstra to 4G Telstra by installing the Nextivity G41 DAS repeater system presented several challenges. Melbourne Pathology's established structure, bustling with office and warehouse staff, required careful planning to minimise disruption to daily operations. The ongoing pathology testing activities meant that maintaining safety and uninterrupted service was crucial.

Additionally, Melbourne Pathology's critical role in holding and logistically moving blood and specimens from the warehouse to doctors across Victoria posed unique challenges. Ensuring seamless communication was vital for the timely and safe transport of these specimens. With staff navigating the premises throughout the day, ensuring a safe working environment was paramount. This complex project required meticulous coordination and strategic execution to support Melbourne Pathology's essential services without interruption.

## The Solution

Our team implemented stringent safety measures, including the strategic placement of bollards and the use of spotter assistance, to safeguard both our crew and Melbourne Pathology's staff. To minimise the impact on daily operations, we meticulously scheduled our work during early morning hours, aiming to reduce interference with the bustling activities of the facility. Despite the logistical challenges posed by an operational environment, our team remained committed to delivering a seamless telecommunications solution tailored to Melbourne Pathology's needs.

## Success

Following the telecommunications upgrade at Melbourne Pathology North Melbourne, Victoria, staff experience and operational efficiency have significantly improved. The project successfully enhanced signal strength and reliability, providing an uninterrupted high-quality LTE 4G Telstra signal. This upgrade is crucial for Melbourne Pathology, a major contributor to our medical and hospital industries, ensuring smoother communication among staff and seamless daily operations. The enhanced infrastructure supports their vital role in delivering top-notch diagnostic services, ultimately benefiting the entire healthcare system.



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<https://www.mps.com.au/>

<https://www.smh.com.au/healthcare/the-cancer-you-didn-t-suspect-medical-test-delays-could-be-endangering-patients-20231110-p5ej6e.html>

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