

Project

Telstra DAS Upgrade

Client

CSL Seqirus Limited

Location

Melbourne, Victoria

Outcome

Telstra Nextivity G41 System

**CSL
Seqirus**
Melbourne, VIC

Since day one, CSL Seqirus has relentlessly pursued innovation, developing life-saving treatments and vaccines with a global impact. Driven by their promise, they continually conquer new frontiers, always moving forward to improve and protect lives worldwide.

The Project

Leading biopharmaceutical manufacturer, CSL Seqirus, tapped our expertise in 2023. As telecommunications specialists, we were tasked with a significant upgrade: transforming their processing plant's communication network from a legacy 3G Telstra system to a modern 4G Telstra DAS.

To ensure seamless coverage throughout the vast facility, Nextivity's G41 mobile DAS repeater solution emerged as the perfect fit for this complex project. Our deployment ensured robust and reliable 4G LTE connectivity, enhancing communication efficiency across the entire plant.

The Challenges

Upgrading CSL Seqirus' extensive building infrastructure from 3G to 4G was a complex challenge. The building's intricate layout, filled with dead zones and signal-dampening materials, made the task particularly demanding. Cabling through this maze required careful planning and precise execution.

CSL Seqirus' need for continuous operation of their critical 3G telemetry equipment during the 4G transition added another layer of complexity. Maintaining uninterrupted connectivity was crucial to avoid disrupting their essential processes.

Approaching the transition with great care and precision, we meticulously planned every step, anticipated potential issues, and ensured a seamless transition. Despite the complexities, we were fully prepared to meet the challenge.

The Solution

Despite the labyrinthine layout and challenging signal environment, our meticulous planning and execution ensured a smooth project. We strategically mapped cable routes, navigating tight spaces and working around existing infrastructure. We utilised the G41 Nextivity repeater, as we could leverage the existing DAS cabling.

Through thorough pre-testing and close collaboration with CSL Seqirus' engineering team, we ensured all critical telemetry equipment remained online throughout the cutover.

The seamless transition from 3G to 4G LTE kept CSL Seqirus' vital processes uninterrupted, showcasing our expertise in managing complex telecommunication upgrades.

Success

The success of this project stands as a testament to our unwavering commitment to delivering exceptional customer experiences. Despite significant challenges, our meticulous planning and expert use of advanced technologies, including the Nextivity G41 Cel-Fi GO system, were crucial in maintaining the seamless operation of CSL Seqirus' processes.

Initially, the facility faced poor connectivity with frequent call drop outs. After our intervention, the facility now enjoys full bars of 4G LTE Telstra coverage, providing reliable communication throughout. This transformation has brought smiles all around, as CSL Seqirus staff can now perform their critical roles without any connectivity issues.