

Project

Telstra DAS Upgrade

Client

CSL Global Limited

Location

Broadmeadows, Victoria

Outcome

Telstra Quatra 4G System

**CSL
Behring**
Broadmeadows, VIC

CSL Behring's Broadmeadows site in Victoria is Australia's national plasma fractionator and is the only commercial-scale facility of its type in the southern hemisphere.

The Project

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

To ensure seamless coverage throughout the vast facility, Nextivity's Quatra solutions emerged as the perfect fit for this complex project.

The Challenges

Upgrading CSL Behring's sprawling building infrastructure from 3G to 4G wasn't a walk in the park. The building's labyrinthine layout, riddled with dead zones and signal-dampening materials across all levels of the building, presented a significant challenge. Cabling this maze proved particularly difficult, requiring meticulous planning and detailed execution.

CSL Behring's cautious approach certainly added an interesting twist to the project. Ensuring the continuous operation of their critical 3G telemetry equipment during the transition to 4G posed quite the challenge.

CSL Behring couldn't afford even a momentary lapse in connectivity, as it could disrupt their essential processes. So, we had to approach the transition with the utmost care and precision. It was like trying to change a tire on a moving car - tricky, but definitely doable with the right expertise and attention to detail.

We had to plan meticulously, anticipate every possible hiccup, and ensure that the transition was as smooth as silk. Despite the added complexities, it was a challenge we were more than ready to take on.

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. The Nextivity Quatra system proved perfect for the application, leveraging the full potential of CAT6 cables, which have a smaller cable diameter than its counter part DAS products.

Through thorough pre-testing and close working collaboration with CSL Behring's engineers team, we ensured all critical telemetry equipment remained online throughout the cut-over. The seamless transition from 3G to 4G LTE kept CSL Behring's vital processes uninterrupted, showcasing our expertise in navigating complex telecommunication upgrades.

Success

The project's success serves as a testament to our steadfast dedication to delivering exceptional customer experiences.

Despite encountering significant challenges, our rigorous planning and adept utilisation of advanced technologies, including the Nextivity Quatra system, played a pivotal role in safeguarding the uninterrupted flow of CSL Behring's operations.

