HARWOOD INTERNATIONAL

Harwood approached BelWave requesting consulting for a microwave path they had deployed that was non-functional and causing larger issues within the entire campus. After correcting the installation shortcomings, and working on alignment it was determined that there simply was not enough initial design in the implementing of the new microwave path. **Fall of 2019**

BelWave engineers began closely working with the Harwood IT staff to and determined that adding an additional frequency path between an already connected building would be a simpler and more robust solution. These conversations led into a larger discussion of the overall architecture of the building's connectivity. We began consulting on a larger level and built a diverse self-healing microwave path connecting 8 campus locations and utilizing existing fiber infrastructure to implement multiple pathways in the event of a power failure or fault. **Fall of 2019**

This new campus design brought stability to the entire LAN and stabilized the connectivity into the newly constructed tower.

In 2021 Harwood began construction on No14, this presented a new challenge as it was going to disrupt the existing ring, and there was quickly becoming a capacity limitation on the existing designed network. Utilizing a new 10G path within the new tower, and overlaying new single mode fiber to the initial buildings constructed in the early 90's we were able to get multi-gig capacities to all but 3 facilities. **Fall 2022**

Alongside the No14 project the Swexan Hotel was nearing completion. BelWave was tasked with providing the primary internet connection for the facility and it was to be completely diverse from the Harwood campus. Using a wireless and fiber path we constructed a 10G solution that passively expanded the Harwood campus LAN as well as provided a fully protected lit fiber and microwave path to the hotel. All of this connectivity has withstood a building MDF flood, and multiple power outages without any downtime. **Fall 2022**

BelWave is now involved in a consulting capacity for the continued development of the district and is consulting on the expansion into 3 recently acquired properties.

BelWave Communications
4100 International Plaza | Suite 100 | Fort Worth, Texas 76109

Contact:
BelWave.com | (817) 737-3124

BelWave™