



CASE STUDY

Covenant Church



Dallas-based Mega-Church recovers from data failure – and increases nationwide flock – by putting stock in critical IT strategy.

Covenant Church (<http://www.covenantchurch.org>) is a Dallas-based Mega-Church with nearly half a dozen fully packed campuses dotting the Southwest, plus numerous partnerships around the country. Its blockbuster popularity is, in part, due to the cohesiveness of the church's mission and commitment to its geographically diverse members, with whom the Outreach Team communicates both in person and via a vast network encompassing streaming video, books, conferences, music, music tools and other multimedia modalities. In short, technology is critical to Covenant's growth and operation.

Challenge:

Several years ago, however, Covenant Church learned that astronomically rapid growth could actually carry a disadvantage: Covenant's popularity soon dwarfed its capacity to serve in the digital realm, and the church found itself incapacitated for a full, seemingly endless five days.

“GXA’s quick response, depth of knowledge, and dedication (working around the clock for several days) proved to us that GXA Network Solutions was a company we wanted to partner with long-term for our high-end infrastructure, network, server and telecommunications needs.”

Tony Montez, IT Director, Covenant Church



The central hub had collapsed. No teachings. No materials. No conference information. People started clamoring: Was their financial information in jeopardy? Their intellectual property? Their purchases from the online store?

“As you might imagine it was a time of extreme chaos,” says the church’s IT Director, Tony Montez. **“We were dealing with sensitive and angry customers anxious to get their systems back online.”**

That’s when Covenant Church called GXA Network Solutions, whose immediate response rapidly resuscitated the failing network. GXA identified that the church had suffered a massive SAN storage failure and needed a new, robust system built with inherent redundancies and future scalability.

Immediate Solutions:

GXA sprang into action and assisted the internal IT team with the 24/7 massive recovery effort that included restoration of their files, applications, databases and systems.

“Within a few hours we had several of our critical business systems back online,” says Montez. “Within 24 hours, 75% of our systems were back online. When all was said and done, GXA Network Solutions was able to bring all systems back online and recover 99+% of all of our data.”



Next Steps:

As complicated, urgent and crucial as Step One had been, GXA could not rest: the recovery and restoration of the church's IT systems could not address the possibility of another critical failure, so GXA launched into work with the church's internal IT team to quickly and effectively put together both short-term critical recommendations and powerful long-term tech strategy.

Business Continuity

Taking into account the church's long-term growth plans, GXA ensured scalability so that the newly replaced SAN storage system could handle both current and future needs.

The church also required protection against possible weather, electrical or, as insurance companies put it, Act of God disasters. This meant implementing a robust and automated Backup and Disaster Recovery system, with solutions that would protect electronic assets.

To do this, GXA set up a DR site at a co-location, one which hosts a live copy of the critical servers and infrastructure, independent of the main location.

Stability & Capacity

The next critical function dealt with the stability of the church's Internet redundancy. The rickety system that had once served a fledgling flock no longer served the needs of the massive success Covenant Church had become.

Video streaming to remote campuses is crucial to the multi-pronged church, as is the assurance of



smooth streaming to Internet members, web site traffic, voice over IP (VOIP) traffic and streaming data traffic. GXA set up BGP and HSRP at the perimeter of the network to help bolster it.

The exodus from the original virtual environment to a secure one ensured stability, as did the way GXA migrated the enterprise servers. Best of all, GXA helped the church deploy a video streaming WAN network across all of its campuses, allowing for robust and error-free streaming of church services to its thousands of members.

Ongoing Solutions

“I am happy to say that we have not had another outage of that magnitude in the 5 years since bringing GXA Network Solutions onboard,” reports Covenant Church’s Montez.

Over the years since the initial IT crisis, as Covenant Church has evolved and grown, its IT demands have changed accordingly.

GXA has continued to provide IT roadmaps, make strategic IT recommendations and implement solutions that align the company’s IT to its evolving organizational needs.

Such solutions include:

- Implementation of a multi-layered security model and firewall gateway solutions, robust web filtering, managed antivirus systems and web security;
- Rapid-response IT services providing the internal team access to timely IT assistance;



- Implementation of business applications and services to improve delivery of products to its customers; and,
- Virtual CIO services to leverage the best technology to meet the evolving challenges in the faith industry.

About Covenant Church

Since 1976, Sr. Pastors Mike and Kathy Hayes and Covenant Church have ministered the love of Jesus Christ to the North Texas area and to the nations of the world. From small beginnings in a bank building in old downtown Carrollton in the mid 70's to several beautiful campuses across North Texas, Covenant Church celebrates a membership of almost 10,000. And now with growth in Cross Roads/Denton and remote campuses throughout the Metroplex, His mission and mandate for Covenant Church to increase the Kingdom of God through "One Church, Many Locations" is clear. The church continues to proclaim the gospel of Jesus Christ and meet the needs of others through Covenant relationships in new and exciting ways. For more information, please visit www.CovenantChurch.org.

About GXA Network Solutions

Our clients are at the forefront of their industries and view IT as a strategic investment that is necessary to innovate and drive peak business performance. For almost 10 years, our clients have relied on our services to innovate their businesses, improve operational efficiencies, achieve competitive advantages, cut costs and deliver profits even during the recent challenging economic times. For more information, please visit www.GXANetworks.com.



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