



Case Study Saddleback Church



Saddleback Church, located in Lake Forest CA, ministers to over 20,000 parishioners every weekend and provides in-house design and print production for its Church services.

CHALLENGE

Saddleback Church needed more control and a better printing solution for all of the printed materials used in its weekly Church activities. It purchased a commercial grade four color, high capacity, digital printer. The printer provided better control over printing production, greater print product sophistication and reduction in production time. It also allowed the Church to manage and control costs more efficiently.

However, the additional capability and control created greater demand on the two T-1 data connections that provided voice and data services between the facilities. The larger graphic files soon had to be stored onto DVD discs and driven less than a mile to the remote print facility. This became an inefficient element of the print operations since it required additional time to produce a DVD, multiple trips and constant shuttling of the data files via car to get the proof ready for mass production. Saddleback Church decided there had to be a better solution. Saddleback Church wanted a 100Mbps link but realized a 1000Mbps (1 Gigabit) link could better support its multi-gigabit directory transfers throughout the day. Brad Mitchell who provides the technical engineering and support for Saddleback Church's data and voice networks worked was challenged by Vince Buildt, Print Management Specialist, to find a cost effective solution that could provide sufficient bandwidth to remedy the lack of capability of the two T-1 connections.

[The GE60 system] "exceeded our expectations and provided Saddleback Church the control, flexibility and cost reduction for my print production"

- Vince Buildt,
Print Management Specialist, Saddleback Church

SOLUTION



Brad Mitchell contacted his local Value Added Reseller (VAR), Optima Networks, and was recommended the BridgeWave GE60 gigabit Ethernet wireless product to provide a solution that would provide more than sufficient bandwidth for the print operations, improve the VOIP phone service and allow for additional bandwidth growth between the buildings. According to Mike Mosel, President, Optima Networks, "the BridgeWave product was simple, easy to install and priced very competitively and most importantly provided the performance needed to solve the bandwidth constraint at the Church. BridgeWave provided outstanding support and assistance as needed." Kelly Hatcher, Sales Representative from Hutton Communications, was able to quickly quote and ship the necessary products to meet Optima's installation schedule. Hatcher stated that, "there is no comparable product at this price with this much performance. BridgeWave was extremely supportive though the whole sales and fulfillment process."



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The wireless link was installed and operational on both roofs and the data fiber and power connections terminated within three working days. The GE60 system “exceeded our expectations and provided Saddleback Church the control, flexibility and cost reduction for my print production”, stated Vince Buildt. An unanticipated benefit to having excessive bandwidth was the ability of Brad Mitchell to install new Codex voice switches and run uncompressed VOIP service, which improved the phone quality. Prior to installing the new wireless equipment and phone switches, the phones had a lot of static and the voice quality was marginal. “Now the phone clarity is as good as a regular phone without the background noise and static”, Mr. Buildt explained. The graphic artists working in the Ministry Building are able to transmit files to the print facility faster than it used to take to create a single DVD. This has enabled the print operators to complete production during normal working hours and thus save on labor costs while producing a better quality product.

ABOUT SADDLEBACK CHURCH

Rick Warren is the founding pastor of Saddleback Church in Lake Forest, California, one of America’s largest and best-known churches. He and his wife, Kay, began the church with one family in 1980. Today the church averages over 20,000 in attendance each weekend on its 120 acre campus and lists over 80,000 names on the church roll. The church has also started 34 daughter churches, inspired thousands of other new churches to be started, and sent nearly 5,000 of its members on mission projects around the world.

Pastor Rick’s 1995 book *The Purpose Driven Church*, is translated into over 25 languages and was voted one of the “100 Christian Books That Changed the 20th Century”. His latest book, *The Purpose Driven Life*, has been the #1 or #2 bestseller on the New York Times bestseller list for almost two years and still selling about a million copies a month. It has been named “Book of the Year” twice- in both 2003 and 2004, and recognized as “the bestselling hardback non-fiction book in history.” Contact Saddleback Church at www.saddleback.com or 949-609-8000.

ABOUT OPTIMA NETWORKS

Optima Network Services Inc., a California-Corporation based in Los Alamitos, is a Microwave Engineering Services firm dedicated to the delivery of a complete line of microwave engineering services. The service offerings of ONS range from In-office program/project management, network design, and path engineering through installation, testing, turn-up and long-term maintenance. Clients of ONS span the likes of national cellular carriers like AT&T/Cingular, Verizon, & Sprint, microwave radio OEM’s including Harris, Proxim, Alcatel, and BridgeWave, and enterprise customers. Optima Networks can provide technology recommendations and turn-key solutions with post installation maintenance for customers throughout California, Nevada, & Arizona. Contact Optima at www.optimanet.net or 888-OPTIMA7.

ABOUT HUTTON COMMUNICATIONS

Hutton Communications, Inc. headquartered in Dallas Texas, is a distributor of commercial wireless communications and related equipment. Hutton serves cellular and radio communications dealers, wireless communications carriers and self-maintained end users of communications systems. In addition, Hutton provides its customers with power systems solutions for emergency backup, alternative energy sources, or out-of-grid power requirements. With multiple sales and warehouse facilities, Hutton provides local sales support and fast delivery to your location. Hutton currently has warehouses in Dallas, TX, Charlotte, NC, Joliet, IL, Toronto, CAN and Calgary, CAN. Contact Hutton at www.huttoncom.com or 877-648-8866.

ABOUT BRIDGEWAVE COMMUNICATIONS

BridgeWave Communications, Inc. is the leading supplier of gigabit wireless solutions. Setting the standard for product quality, BridgeWave employs Highly Accelerated Life Testing (HALT) during design and Highly Accelerated Stress Screening (HASS) during production to ensure the highest levels of product reliability and customer satisfaction. BridgeWave has achieved ISO9001 registration for over five years running. For more information, please visit <http://www.bridgewave.com>.



BridgeWave



Case Study

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CUSTOMER:
SaddleBack Church

INDUSTRY:
Religion/Faith

RESELLER:
Optima Networks
www.optimanet.net

CHALLENGES:

- Need to transfer large print files to remote printing location.
- Need for improved VoIP phone service.
- Unable to run fiber across interstate freeway.
- Solution must be cost effective.

SOLUTION:
• BridgeWave's Gigabit Ethernet GE60.

BENEFITS:

- Flexibility & cost reduction of printing production.
- Uncompressed VoIP provides improved voice quality.
- Simple & easy link installation.
- Price competitive.

CASE STUDY



BridgeWave

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