

## Peace of Mind and Simple Management Matter Most to Holy Cross College

Holy Cross College is a four-year Catholic liberal arts school in Notre Dame, Indiana and home to more than 500 students and 100 faculty and staff. The school's small IT staff manages 14 servers, including its own email server, with more than 700 email accounts belonging to faculty, staff and current and former students.

### Spam: An IT Burden

Like most colleges and universities, email has become the most popular way for students at Holy Cross to communicate with other students, as well as professors outside of the classroom. While the school has a relatively small number of students, it still receives a significant amount of spam; an estimated 8,000 message per day. Managing the spam, even with an existing email security solution, was becoming a burden for Brother (Br.) Charles Drevon, the college's director of campus technology.

"One of our biggest challenges was the need to constantly update the Bayesian database in our Barracuda email security solution," said Drevon. "In addition to managing the database every day, I would have to look at the spam captured by our solution, manually review each message and determine whether or not it was truly spam. Frequently, the spam filter would capture emails with attachments, and with students using email to send papers to their professors, this became a major concern. Even after I forwarded the emails to the appropriate people, any replies to those emails would also be captured in the spam filter."

As email traffic has grown, manually reviewing every email has become a major time burden for the IT department. Br. Charles also recognized that he cannot catch everything, recalling an invitation to important meeting from Notre Dame to several Holy Cross staff members that was intercepted by the spam filter. Unfortunately, the people missed the meeting.

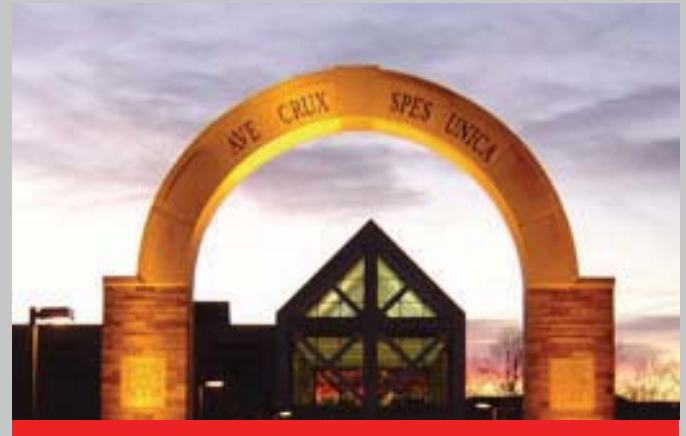
Frustrated with the burdensome management requirements, Br. Charles decided to search for another email security solution.

"We needed a solution that would allow people to manage their own spam and that did not rely solely on Bayesian database filtering, which is cumbersome and difficult to maintain," commented Drevon.

### An Anti-Spam Solution with Backup Support

Br. Charles found what he was looking for in a Red Condor MAG network appliance, which provides comprehensive email security, simplified management, redundant fail-safe back-up operation and the ability to use LDAP servers from the college's Active Directory; all key selling points for Holy Cross.

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**Problem:** *"One of our biggest challenges was the need to constantly update the Bayesian database in our Barracuda email security solution."*

**Solution:** **No more tuning with Red Condor's Fully Managed MAG Appliance**

**Problem:** *"At one point our previous email security solution failed, and for the two days we were waiting for it to be fixed, we did not have a spam filter."*

**Solution:** **Fail-safe redundancy with Red Condor's Vx Technology**

### About Holy Cross College at Notre Dame

Founded in 1966, Holy Cross College is adjacent to Notre Dame University and St. Mary's College, which affords its student a direct connection to two major Catholic universities. While its educational programs focus on liberal studies such as American history, psychology, education and theology, technology is a high priority for the college. Holy Cross maintains several computer labs and multimedia classrooms and all public places, halls and student residences are connected to the College network, which provides access to the latest software for word processing, spreadsheets, databases, presentations and interactive course materials.



**HOLY CROSS COLLEGE**

at Notre Dame, Indiana

have a spam filter," added Drevon. "Spam was very prevalent during those two days, and we chose the Red Condor appliance because with its back-up capabilities, we knew this would not happen again."

### The Solution

Red Condor's Vx Technology™ provides Br. Charles with peace of mind knowing that if Red Condor's appliance fails for any reason, the Vx network backup service automatically starts, transferring email protection to the company's hosted platform until the problem is resolved. Red Condor's appliance also protects against an email or network server crash by storing up to 96 hours of email while the server is restored.

The appliance blocks spam, viruses and other malicious email content before it reaches the school's mail server, and provides a network perimeter defense against the burden of denial of service or directory harvest attacks.

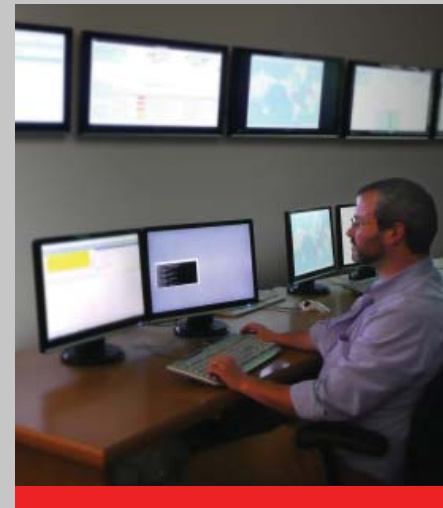
### Key Benefits

The most significant benefit for Br. Charles is that Red Condor has removed the management burden from his department. Red Condor automatically updates the MAG-series appliance so that it always provides up-to-date protection from the latest email threats, viruses, and network hacking attacks. Red Condor also allows Holy Cross to provide each email user with a daily digest of spam. Rather than manually reviewing all the spam captured by the filter, spam management is now the responsibility of each user who now controls their own white and black email lists. Messages can be reviewed without downloading them, which helps protect the computer and the network from possible embedded threats.

"The Red Condor appliance does a good job of capturing emails that we don't want and protecting against email threats," concluded Drevon. "Ads and other spam that were circumventing our previous solution, we no longer receive. Red Condor allows emails with attachments to be exchanged within our network. The solution generally makes life easier for all of our clients because they don't have to put up with spam. Plus, it has allowed our IT department to focus on more important technology issues because it completely removes the administrative overhead."

## About Red Condor

Red Condor is a managed service provider of highly resilient email security systems. Red Condor's email security eliminates spam, viruses, spyware, phishing schemes and other offensive content, with perimeter defense against denial-of-service and directory harvest attacks. Red Condor leverages up-to-the-minute security threat information from its worldwide sensor network, and then applies defensive measures in real time to protect the company's client base. Red Condor's revolutionary Vx Technology provides network-based load sharing and fail-over capabilities for customer appliances. Its unique technology blocks spam and malicious email with near 100% accuracy, so users can be confident in secure and reliable email delivery. Red Condor's products and services are backed by a 24x7 customer care center at its headquarters that is staffed by email security experts.



*Red Condor's Security Operations Center*

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