

Massachusetts General Hospital

When Massachusetts General Hospital wanted a more efficient way of transmitting patient records than traditional paper-based methods—without sacrificing security or the budget—it settled on Biscom Secure File Transfer (SFT). The result? A 104% increase in productivity and 65% reduction in cost.



MASSACHUSETTS
GENERAL HOSPITAL

Company: Massachusetts General Hospital

Industry: Healthcare

Headquarters: Boston, MA

Website: www.massgeneral.org

Challenges:

- » Records sent via mail or fax—a process involving enormous quantities of paper and room for error
- » Difficulty tracking all document activity
- » Needed a secure system for HIPAA compliance and electronic patient record retrieval

Solution:

- » Biscom Secure File Transfer

Results:

- » 104% increase in productivity
- » Cut cost per record from \$16.08 to just \$5.61—a 65% reduction in cost
- » Ability to track all document activity and the capacity to adjust security levels

Mass General Seeks to Streamline Massive Document Delivery Load

It's easy to understand why patients the world over turn to Massachusetts General Hospital—the largest hospital of renowned Harvard Medical School—for their health care. With nearly 1.5 million patient visits per year, Mass General receives more than 50,000 accompanying requests for patient records, requiring the hospital to transmit sensitive patient information to other health care providers, the Social Security Administration (SSA), and dozens of additional entities.

Traditionally, Mass General sent records in huge hard files via mail or fax—an outdated, inefficient process involving enormous quantities of paper and room for error. When Mark Haas, Associate Director of Health Information Services, learned that the SSA had begun to allow uploads of electronic records to their secure site, he knew the administration was on to something.

"If the SSA could do it, we could, too," says Haas, "so we set out to develop our own secure system for electronic patient record retrieval." First on the list of Mass General's priorities for the system: the highest levels of security, in order to protect the very private information contained in the records.

"In many cases, the system needs to be even more secure than those in the financial services industry," Haas notes. "We pay hefty fines if we don't share information in an appropriate manner that's compliant with HIPAA (the Health Insurance Portability and Accountability Act)." Among Mass General's other concerns were the ability to track all document activity, the capacity to adjust security

“When we ‘send’ a record via SFT, the transmission does not contain any PHI (personal health information), so if we mistakenly contact the wrong email address, the incorrect recipient will not know the password to unlock the file. But if we mistype a fax number or write the wrong address on a paper file, it results in a potential breach of confidentiality. This is a critical level of protection for us that goes over and above sending records on paper.”

- Mark Haas

Associate Director of Health IS
Mass General Hospital

levels, and the flexibility to brand the system with its own look and feel. The hospital found all of this and more in Biscom Secure File Transfer (SFT).

SFT Transforms Mass General’s Document Delivery Process

Biscom designed SFT specifically for institutions like Mass General, which require the utmost security, scalability, and flexibility in their document delivery systems. SFT offers distinct advantages such as encryption of files both at rest and in transit, Active Directory for user management and authentication, unlimited file sizes, and integration with existing software and hardware.

Moreover, SFT packages these features into a user interface that is exceptionally easy to navigate. A sender simply creates a “package” of files, optionally adds a secure message, and enters one or more email addresses of recipients, who are then notified of their secure delivery through an email message. After clicking on the

embedded hyperlink within the message, first-time recipients can access their deliveries by establishing a username and password, while previous registrants merely sign in. Once a recipient views a package, the sender receives an email notification that the delivery has been accessed.

In the two years since its implementation, SFT has transformed Mass General’s document delivery approach. The hospital experienced a 104% increase in productivity when using SFT to exchange a record as compared to its previous paper-based methods. This translated into a significant cost savings in all aspects of the hospital’s process, from materials and postage to supplies and personnel. While its prior approach cost Mass General \$16.08 for each record transmitted, SFT cut that cost to \$5.61 per record.

Not only has SFT had a major impact on Mass General’s bottom line, but it has also reduced the potential for error in the file transmission process. “When we ‘send’ a record via SFT, the transmission does not contain any PHI (personal health information)” says Haas. “So if we mistakenly contact the wrong email address, the incorrect recipient will not know the password

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Mass General’s SFT Success Attracts Attention of More Harvard Hospitals

Today, Mass General completes approximately 20,000 of its annual record requests using SFT. Going forward, Haas expects the buzz about Mass General’s success with SFT will lead other hospitals in the Harvard area—including Brigham and Women’s Hospital and Northshore

Medical Center—to adopt the solution as well.

“By partnering with Biscom, we were able to meet pending meaningful use objectives, all in a user-friendly, easy-to-install, and easy-to-train-on system, right out of the box,” Haas maintains. “Instead of going with an outside vendor, SFT allowed us to keep this work in house, where we can exercise greater security and quality control—at a much more reasonable price.”

About Biscom

Biscom is a world leader in secure enterprise document delivery with solutions including the award-winning enterprise FAXCOM® Server and FAXCOM Anywhere cloud fax solutions, Biscom Secure File Transfer, and Verosync, an enterprise-ready file synchronization and sharing solution. Founded in 1986, Biscom is the industry’s recognized innovation and customer service leader and has provided many of the world’s largest companies with secure communications solutions. Learn more at www.biscom.com or call 1-800-477-2472.