

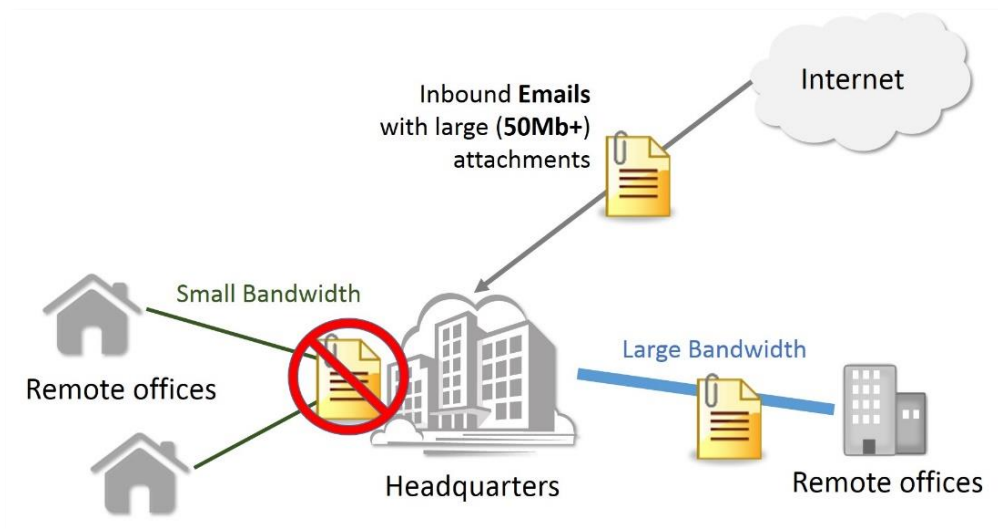
# Case Study - Leading US Distributor Solves Network Issues with MxHero

LEADING ELECTRICAL DISTRIBUTION COMPANY SOLVES LONG STANDING EMAIL ISSUES BY DEPLOYING INNOVATIVE MXHERO TECHNOLOGY THAT LEVERAGES BOX CLOUD STORAGE

## Problem

A leading US distributor of electrical equipment faced long standing and significant network issues caused by large emails, at times 100Mb or larger, that would strain network resources. This was most pronounced in remote offices with limited access to the core network. The infrastructure strain posed by the large inbound emails was further exacerbated by ensuing internal collaboration over the messages. Each forwarded copy of a particularly large message added to network utilization that quickly degenerated network performance.

### Company Email Network Topology



Large emails degrade network in remote locations with limited bandwidth.

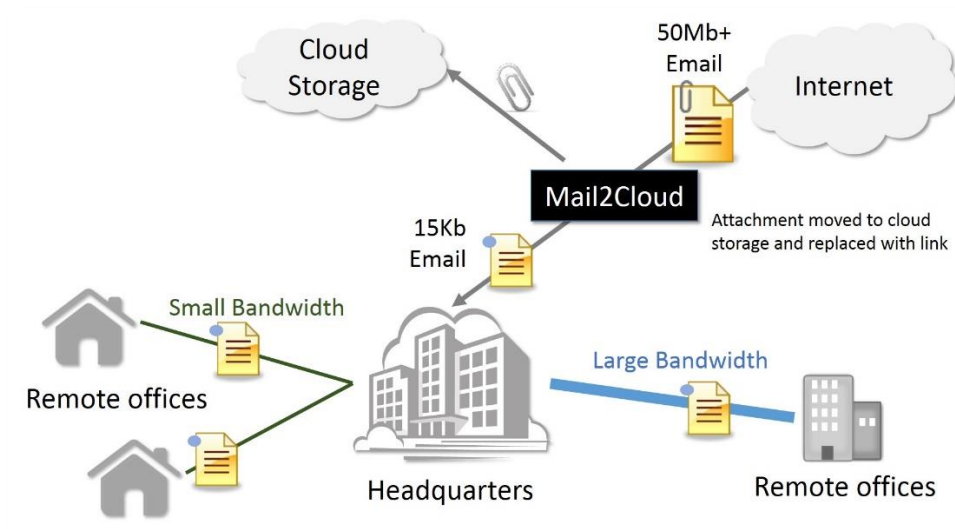
## Solution

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The company was able to solve the problem by adopting cloud storage and deploying MxHero's Mail2Cloud technology. With Mail2Cloud, the company was able to resolve the problem by having large email attachments automatically and securely uploaded to the company's Box storage cloud. Emails that were previously 25Mb or larger became only a few kilobytes in size with links to their original attachments. The email transformation not only facilitates the receipt of large email attachments, but also allows easier internal and external collaboration around those messages as they can now be shared without the challenges presented by the message's original size.

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Company Email Network Topology with Mail2Cloud Solution



Efficient distribution of large email made possible

## No End User Training

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Importantly, Mail2Cloud requires no end user training or software and maintains the expected behavior of standard email. Emails that have their attachments automatically uploaded to Box cloud storage receive an embedded link to the file and an HTML file attachment. The HTML attachment repeats the links to the now uploaded files, but importantly preserves the "paper clip" that users expect when an email has an attachment. The company's rollout of Mail2Cloud was rapidly adopted by employees throughout the organization.

## Additional Benefits

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### Augmented Security

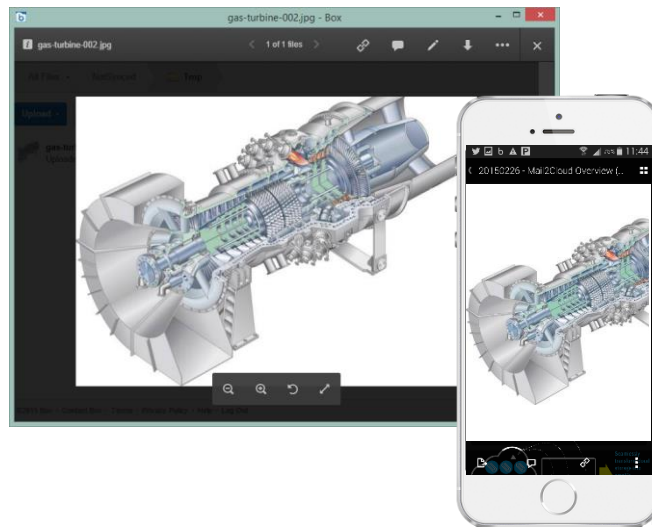
With attachments now in centrally controlled cloud storage, the company has gained additional security. By adjusting file permissions through Box's administrative panel the company can revoke or otherwise restrict access to files received through email. In the event of an email security breach, sensitive email attachments will no longer be in the email store - only their links with restricted access rights.

### Better Mobile Usability

Powerful file preview capabilities present in cloud storage services, like Box, now benefit employees. Previously certain file types, such as CAD engineering diagrams, received as attachments in email would require supporting software on the recipient's device to view. These same files, now being delivered as links to Box's cloud storage service, now open on any device using Box's powerful HTML 5 previewer. This is true even if the employee is receiving these files through email on their mobile device.

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#### Cloud Storage Preview Better Attachment Usability Across All Devices



3D modeling file (.stl) sent as attachment and received as cloud storage link - viewable by recipient without the need of special software



## Summary

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mxHero's Mail2Cloud solution quickly integrates with pre-existing email infrastructure and brings the many benefits of cloud storage to email attachments. Because Mail2Cloud is centrally deployed, product rollout can be easily controlled while requiring essentially zero end-user training. One example of such a benefit: by leveraging secure cloud storage email attachments are now moved from insecure email to the security of cloud storage. Furthermore, attachments are now accessible from within the cloud storage's permission based content management interface. Finally, Mail2Cloud makes the benefits of Box apply equally across all devices, whether email is accessed from a desktop, tablet or mobile device.