MaX Compression

Do I still need MaX Compression if I have Exchange 2010 Store Compression?

EMAIL DATA MANAGEMENT

In short, yes! This document compares MaX Compression against the 'Store Compression' feature included in Exchange 2010. It not only demonstrates how, when used stand alone, MaX Compression can provide your organization with storage savings in excess of 50% but can go far beyond any built-in store compression when used in combination with Exchange 2010.

NOTE: The data and findings in this paper are based on the Exchange 2010 beta 1 version (the version available to partners and the public at the time of writing).

MaX Compression compresses attachments

By compressing attachments in a completely seamless and transparent manner, MaX Compression can reduce the storage footprint by over 50% and network bandwidth requirements by more than 80%. Your end users will see no difference in the attachment appearance and won't even notice that their files are being compressed. In fact, your end users do not require any training and, since it is faster to send/receive smaller files, their productivity should improve.

Store Compression compresses email headers and body text

Microsoft's latest version of Exchange Server (currently in beta, called Exchange 2010) includes a new feature called Store Compression. This feature compresses the email headers and the body text/html – there is no compression of attachments or embedded data. Store Compression was designed to reduce the I/O throughput demands of Exchange, not to address the storage footprint of Exchange.

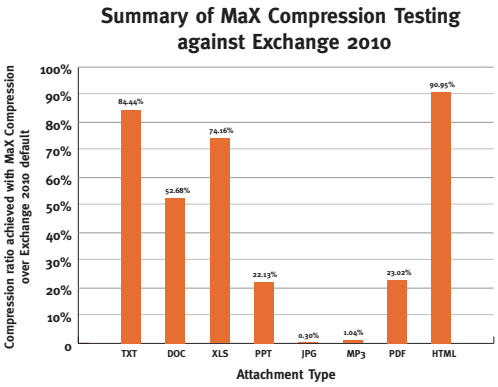
Therefore it cannot provide the significant storage reductions that MaX Compression can, because attachments have greater potential for larger compression ratios and storage savings than email headers/text body.

Combine both and achieve even greater compression

As MaX Compression and Store Compression technologies address different areas (headers and body text/html vs. attachments) they can be used in harmony to achieve even greater compression.

In lab testing C2C found that, in addition to any savings achieved by "Store Compression", MaX Compression provided storage saving of up to an additional 90.95% (depending on attachment data type) as shown in Figure 1.

Figure 1.



MAX COMPRESSION BENEFITS:

- *Compresses attachments*
- *Reduces Exchange storage footprint by more than 50%*
- *Reduces bandwidth requirements & transmission times by more than 80%*
- *Is seamless and transparent, the zip/unzip process is invisible for user*
- *Improves user productivity, requires no end user training*
- *Reduces network bottlenecks between Exchange Servers*
- *Is a scalable solution, largest global customer has more than 155,000 desktops*

Americas: 1 Federal Street, Springfield, MA 01105-1199, USA. Tel: (508) 870-2205 Fax: (413) 739-4980
Europe & RoW: 6 Richfield Place, Reading, Berkshire, RG1 8EQ, UK. Tel: +44 (0)118 951 1211 Fax: +44 (0)118 951 1111

www.c2c.com