



Software:

ODEN-M is installed at endpoints with direct access to storage repositories. The compression algorithm provides single pass compression. Data is verified by micro-blocks as stored and re-verified by macro-blocks.

ODEM-M Unparalleled compression for data at rest

ODEN-M is a powerful data compression technology that offers significant space savings and compression ratios across all file formats and data types, including very unique compression capabilities for highly compressed file formats. The massive parallel processor compression engine utilizes all available cores to optimize compression time. This technology implements seamlessly and can be hosted on Field Programmable Gate Arrays (FPGA), allowing native device embedment.



About Timmes

We are changing the way data is secured and moved with our innovative SALT approach: Sea, Air & Land Technology. We have been providing revolutionary, patent-driven compression and encryption products for over 15 years.

TIMMES USA Clearwater - Florida +1 (727) 712-0190 TIMMES Dubai United Arab Emirates



Quality of Experience

There is no other technology available today that equals the proven performance of ODEN-M for providing single-pass, lossless data compression at greatly reduced times and compression ratios. The commercial value of ODEN-M for data at rest is exponential for storing large amounts of information.

Benefits

In operation, ODEN-M massive parallel processor compression engine uses forward predictive and shared dictionary methods for high compression ratios. The performance of ODEN-M is based on linear scalability and utilization of multi-core, multi-threaded processors to dramatically reduce compression.

Support

ODEN-M supports compression of all computerized data and is optimized for uncompressed, native file formats, such as DOC, PDF, TXT, CPU. A third-party evaluation of this technology found superior compression performance and speed compared to GZIP and BZIP2. ODEN-M technology provides for single pass data compression ratios from 3.62:1 to 1002.16:1 dependent on file type and size. The significance of ODEN-M is it increases storage up to two times the spinning drive. ODEN-M uses multi-core technology, scaling the existing CPUs for optimum data compression. Meaning, if there are 64 cores available, ODEN-M will efficiently use them to provide lossless data compression in seconds. Decompression is equally fast with MD5 validated results confirming complete restoration of the original data file. ODEN-M achieves best results with easily compressible native file formats such as PDF, XLS, CVS, DOC and TXT.

About Timmes

We are changing the way data is secured and moved with our innovative SALT approach: Sea, Air & Land Technology. We have been providing revolutionary, patent-driven compression and encryption products for over 15 years. TIMMES[™], an acronym for Total Integrated Medical Management and e-Solutions, was founded to solve the inefficiencies and time-lag previously resident in the wireless transmission of data-intensive medical images and large data sets.



θ

About Timmes We are changing the way data is secured and moved with our innovative SALT approach: Sea, Air & Land Technology. We have been providing revolutionary, patent-driven compression and encryption products for over 15 years.

TIMMES USA Clearwater - Florida +1 (727) 712-0190 TIMMES Dubai United Arab Emirates