



developed & manufactured by BDT in Germany

The Future of Tape

With over 1,100 tape slots and up to 24 drives in one rack, the ORION is a first-class enterprise library. BDT's entire knowledge and experience in rack-mounted tape libraries has flowed into the ORION. Developed with the precision, reliability and efficiency of an experienced engineering company.

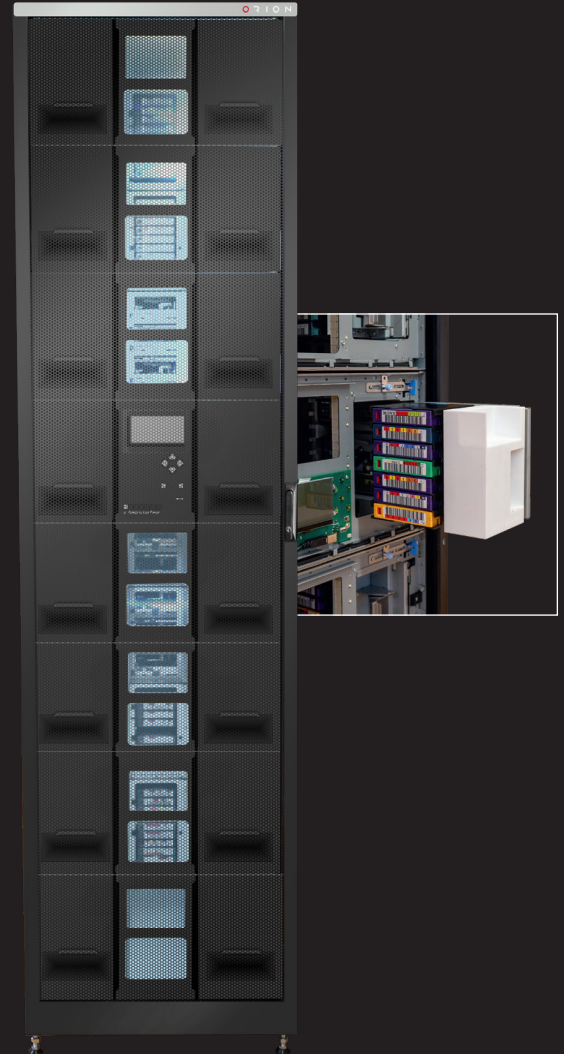
A library of a special kind

The ORION was developed together with customers for use in upper medium-sized data centers, hyperscalers, enterprise companies and scientific institutions. For the fast and reliable storage of large amounts of data.

Features of the ORION

SCALABILITY

Thanks to its modular structure, the ORION is easily scalable. Due to its nature, it can be flexibly configured for every application. Regardless of whether it is more tape slots or more drives. In conjunction with the S3 appliance, several ORION systems can be combined into a library. There are several thousand tape slots available.



RELIABILITY

Thanks to BDT's high quality standards, ORION is one of the most reliable tape libraries on the market. Permanent and ongoing endurance testing ensures one of the highest quality standards for tape libraries. If parts do need to be replaced, this can be done in just a few minutes. Due to its design, all parts of the ORION can be quickly replaced.

COST EFFICIENCY

One of the greatest strengths of tape libraries is their cost effectiveness. Compared to other storage media, tapes offer unbeatable value for money per terabyte. The ORION provides excellent value for money per terabyte. Special maintenance models further enhance cost efficiency.

Variants

ORION MC6

The ORION MC6 is designed for large amounts of data in a rack. In its basic configuration, it holds up to 1,115 tapes with up to 3 LTO-FH drives. If more drives are needed, there is the ORION MC6 with 1,052 tape slots and 24 LTO-FH drives. Other configurations are of course possible. Depending on the application, more drives or more tape slots can be configured.

ORION S3

The ORION S3 already comes with an integrated S3-to-tape gateway in the form of an S3 appliance. The appliance is housed directly in the library rack.

The appliance is equipped with a PoINT Archival Gateway, a corresponding server and the necessary storage cache. The ORION S3 starts with 974 tape slots and 3 LTO-FH drives or with 920 tape slots and 21 LTO-FH drives. Other configurations are of course possible. Thanks to the S3 head, the ORION S3 can be scaled in width to several 1,000 tape slots. Features of the ORION S3.



About BDT

BDT Media Automation GmbH is the largest manufacturer of rackmounted tape libraries. BDT is a global technology company and OEM partner specializing in the development and production of data storage solutions for storing and archiving large amounts of data. Since its foundation in 1967, BDT has established itself as a reliable partner and today employs around 350 people at its locations in Rottweil (headquarters), the Netherlands, the USA, Mexico, China and Singapore.

