

Requirements

When you want to implement a dtm DataSafe in your building, you only need a power source and data connection. Optionally, you may invest in construction and technical equipment in order to implement the full functional scope.

Building Requirements

- Fire protection
 - Room: Walls F90, smoke damper
 - Door T30- T90 RD (smoke-proof)
- Data connection
 - Redundant copper cable / fiber optic connection
- Power source
 - 230V, 400V, etc.
 - Fused e.g. for 16A or 32A
- Optional
 - Redundant cold water unit for SideCooler
 - Double floor
 - Access control to equipment room
 - Firewall / WAN interface

Communication Cabling and Network Technology

- Consulting, planning & implementation of:
 - Equipment rooms & data centers / enclosures
 - Individual data center visualizations in 3D
 - Preparation of contract specifications
 - LAN / WAN installation (office, industry)
 - WLAN coverage
 - Hardware procurement (HP, Dell, Cisco Partner)
 - IP telephony
 - Camera surveillance
 - Relocation management for technical equipment
 - Accident prevention inspections to DGUV V3
 - Cabling for media technology & conference room equipment (HD Base T, HDMI, DVI)
 - Technical building documentation in AutoCAD & FNT Command
 - Structural & technical baseline studies
 - Fire fighting, escape and rescue route plans
- Data center check
- EnviMonitor DCIM software
- Engineering of 19" racks, cabinets, panels
- Sale of individual 19" solutions
- Network analysis, troubleshooting
- Training
- 24-hour service



The new
dtm DataSafe
Protect your Assets!

dtm.group
IT MANIFAKTUR



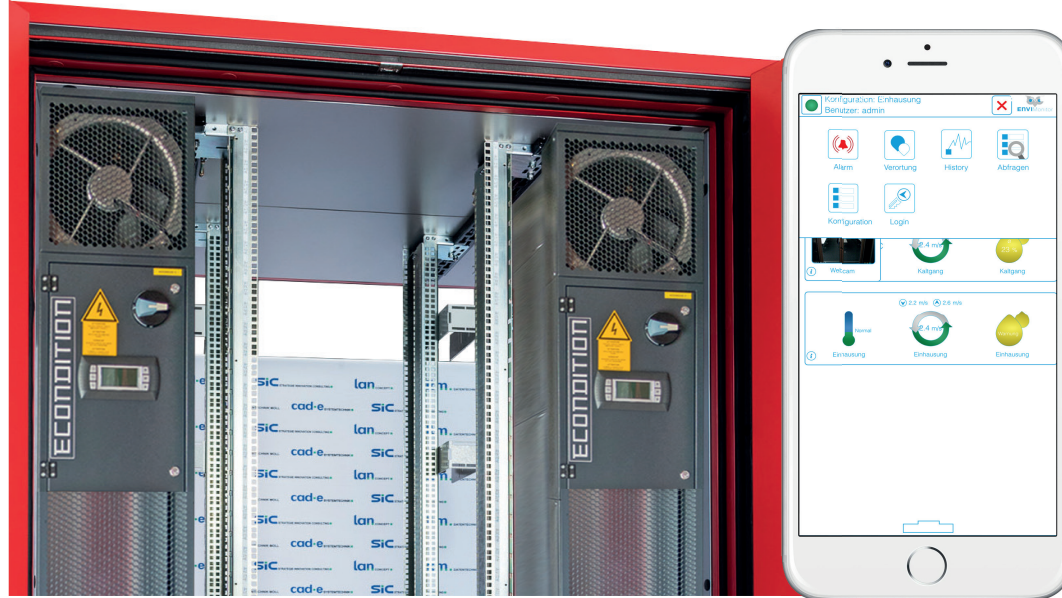
Safe

The perfect place to save your data for a long term in a protected and redundant environment.



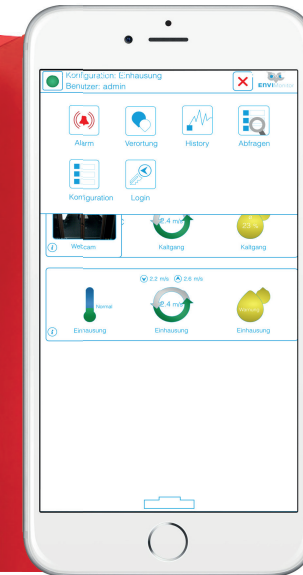
Scalable

The system can be extended at any time with redundant elements and other hardware.



Smart

The DataSafe can be monitored from PC's and mobile devices.



Fully Equipped to Customer's Needs

The [dtm DataSafe](#) is the ideal solution for archiving all kinds of data, implementing a backup source or providing branches with fully functional IT resources in a plug & play arrangement.

The rack dimensions are 1.2 m front to back and 40/45 RU and it is provided with: Rack extinguishing system, UPS, complete preinstalled cabling (power and data), camera surveillance, access control and air conditioning. The rack may be fitted with servers, storage units and switches on customer's request (depending on the applications).

Expandable at any Time

The equipment such as UPS, air conditioner and cabling is dimensioned as required by the hardware specifications. Redundant equipment is optionally available on customer's request.

The decisive advantage of the [dtm DataSafe](#) over conventional solutions is the option of retrofitting extensions and redundant equipment at any time. As the need for more storage units, servers or switches rises, the system can be expanded with additional racks.

Monitoring and Surveillance

The sensors and devices installed send data to the „[EnviMonitor](#)“ data center monitoring software. This software enables you to monitor your [dtm DataSafe](#) from a remote location and detect risks at an early stage, e.g. unauthorized access, overheating or data loss.

The multi-level monitoring system also controls the rack in such a way that any risks are detected and eliminated before they have a serious impact.