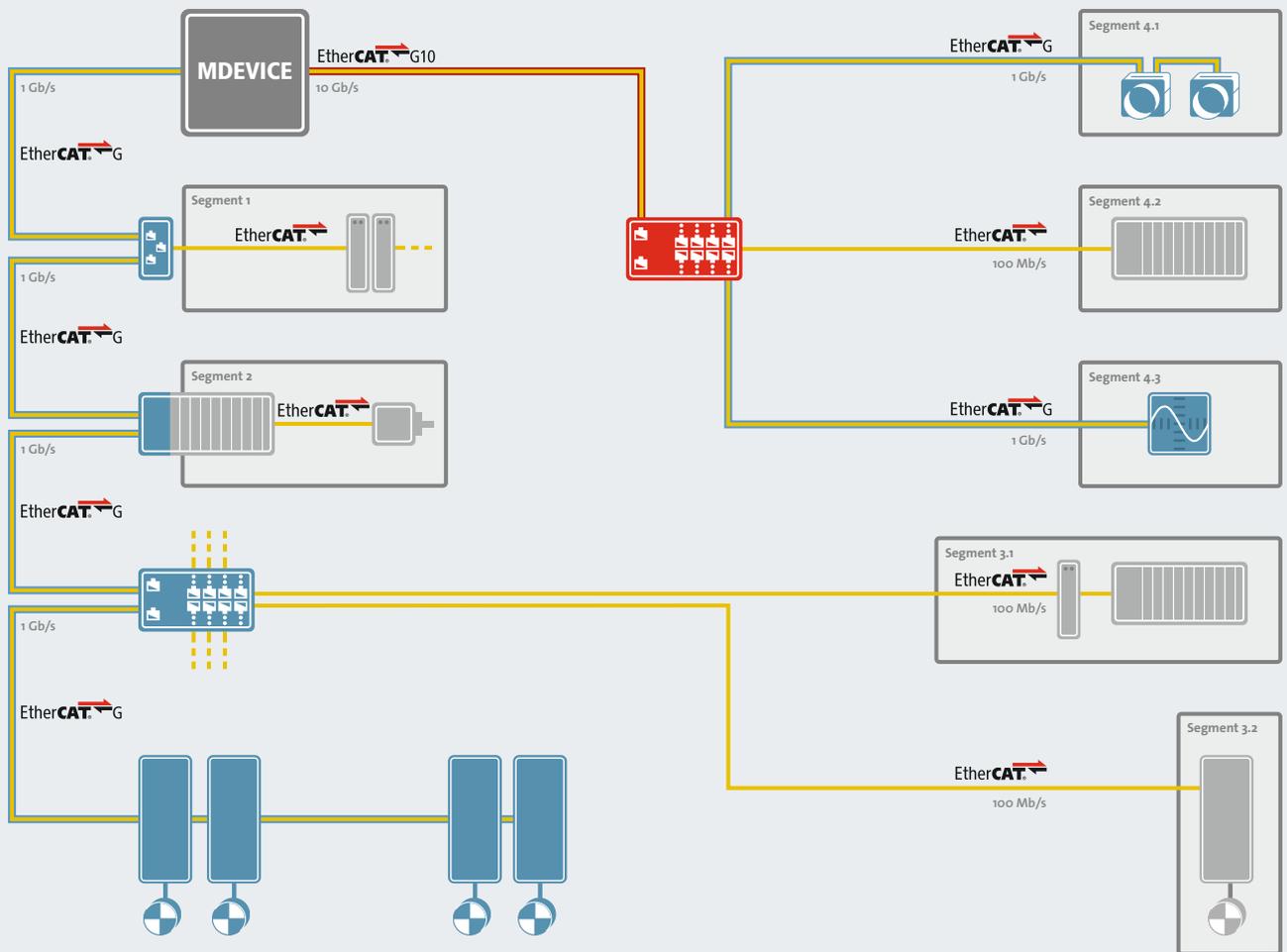


What does the demo application show?

Implementation of EtherCAT G in an EtherCAT network

- One EtherCAT MainDevice (Beckhoff) to control the network with EtherCAT, EtherCAT G and EtherCAT G10
- Four EtherCAT Branch Controllers (3x EtherCAT G, 1x EtherCAT G10) to integrate the individual segments
- One of them is an EtherCAT G coupler with internal EtherCAT Branch Controller functionality for the integration of standard 100 Mb/s terminals up to complex topologies with standard 100 Mb/s EtherCAT
- A total of seven connected segments with 100 Mb/s EtherCAT drives as well as I/O modules from different manufacturers (Baumer, Beckhoff, esd electronics, LTI Motion, Weidmüller Interface)
- Direct connection of two AX 5000 series EtherCAT G drives (Beckhoff)

Setup of the demo application



What is EtherCAT?

EtherCAT (Ethernet for Control Automation Technology) is an open Industrial-Ethernet solution. EtherCAT sets new standards with respect to real-time performance, low costs, flexible topology and ease of use.

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