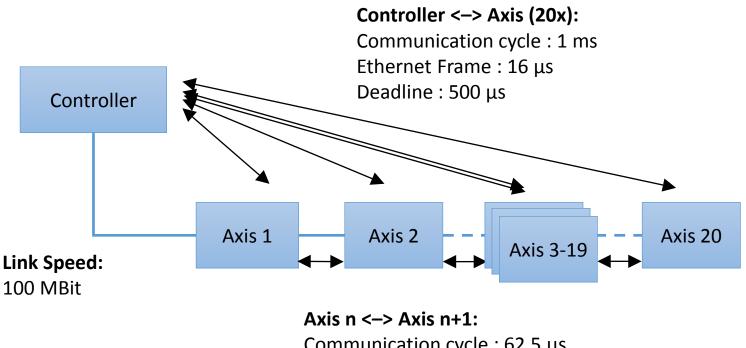
Use Case for IEC/IEEE 60802

Isochronous drive synchronization

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Presented by: Mark Hantel & Steve Zuponcic, Rockwell Automation IEEE 802.1 Plenary, July 2018

Isochronous drive synchronization



Communication cycle : 62,5 μs

Ethernet Frame : 7 μs Deadline : 31,25 μs

Note: The use case shows a simplified case where all drives are connected in a line and every drive needs direct data exchange to its direct neighbor.

Some applications might be more complex where the physical topology does not match the logical order of drives.