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## RAPIDIO USAGE IN A BIG DATA ENVIRONMENT <sup>[1]</sup>

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PROJECT SPECIFICATION RapidIO (<http://rapidio.org/>) technology is a package-switched high-performance fabric, which has been under active development since 1997. The technology is used in all 4G/LTE basestations worldwide. RapidIO is often used in embedded systems that require high reliability, low latency and deterministic operations but there may now be an opportunity to take the same value proposition to more mainstream data processing, which is the underlying motivation for this Project. The objective for the Openlab collaboration with IDT is to test and evaluate the suitability of IDT's low-latency RapidIO interconnect technology for a number of use-cases ranging from LHC Data Acquisition and Triggering to Data analytics for the data center monitoring and operations.

**Report on ZENODO:**

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