



Contribution ID: 58

Type: **not specified**

# EOS Storage Appliance Prototype

*Wednesday, 5 February 2020 10:45 (5 minutes)*

Comtrade is the member of CERN openlab and the important aim of such a membership is the integration of knowledge and experiences from CERN as a research institution and Comtrade as an industry partner.

What are the most valuable benefits of this collaboration for CERN:

- a. New technologies and prototypes
- b. Access and use of the research environments that are corner cases of industrial environments
- c. Fewer restrictions on experimenting with no evident financial success

What are the most valuable benefits of this collaboration for Comtrade:

- a. R&D processes optimized and focused on financially successful projects
- b. Focused development without deviations related to not provided influences
- c. R&D focused to satisfy the end-user

EOS Storage Appliance Prototype is proposed as a result of merging know-hows, knowledge and experiences from research and industry processes. Such a prototype should merge some of the following activities and goals:

1. On-premises data and applications
2. Integration of storage and AI/ML
3. Integration of storage and data analysis
4. Integration of hardware, software and support

Development of EOS Storage Appliance Prototype should not be limited to initial goals but should be shaped according to on-going needs and requests. The result is provided as a prototype that should be able to transform into the appropriate software product.

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**Session Classification:** EOS Development