

BUSINESS CONTEXT

While using accelerators is a new imperative in the world of big data, many companies struggle selecting the right software/hardware platform to solve their problems. What is the end-to-end benefit of acceleration for my business process? Which accelerator does fulfill my latency requirements? Am I bound to on-premises solutions or are there cloud services available? All this and more can be answered as part of the Xelera Predict service. Leveraging on the experience, knowledge and specific tooling, Xelera can estimate which solution is the best for the customer application enabling them to use acceleration as value contributor inside their IT landscape.

APPLICATION AREAS

- Big Data analytics
- Machine Learning
- Deep Learning
- Video Encoding/Decoding
- Storage
- Network
- Internet-of-Things and Industry 4.0
- End-to-end business processes

PRODUCT OVERVIEW

- Provision of end-to-end benchmarks
- Support for many environments such as private, public, hybrid, edge and factory clouds as well as on-premises
- Validate among an heterogeneous hardware family such as Intel/AMD/ARM CPU, Nvidia/AMD GPU, Intel/Xilinx FPGA, Google TPU and other ASICs
- Presentation and full report based on benchmarks

CUSTOMER BENEFITS

- Accurate insights regarding the benefits in terms of performance gain, energy efficiency and cost savings
- Recommendations for the use of hard- and software acceleration inside the respective IT landscape from an operational and a strategic point of view

