Before migrating selected business applications to FPGAs, customers require detailed up-front information about the potential regarding performance, energy efficiency and costs based on live data analyses.

APPLICATION AREAS

— End-to-end business processes
— Database applications
— Big Data analytics, machine learning
— Internet-of-Things

XELERA PREDICT MAIN FEATURES AND VALUE CONTRIBUTION

— Specification of the expected business targets based on defined parameters
— Specification of the target platform
— Provision of benchmarks in real customer environments by using different architectures, e.g. private and public cloud and hybrid platforms, and for different processor types (CPU, FPGA, GPU)
— Presentation and analysis of the results based on dashboards and statistics
— Recommendation for future deployments and IT infrastructure transformation roadmaps

BENEFITS

— Accurate data regarding the benefits in terms of performance gain and energy expense savings
— Recommendations for the use of FPGAs in the respective customer IT landscape, from an immediate operational and a strategic point of view