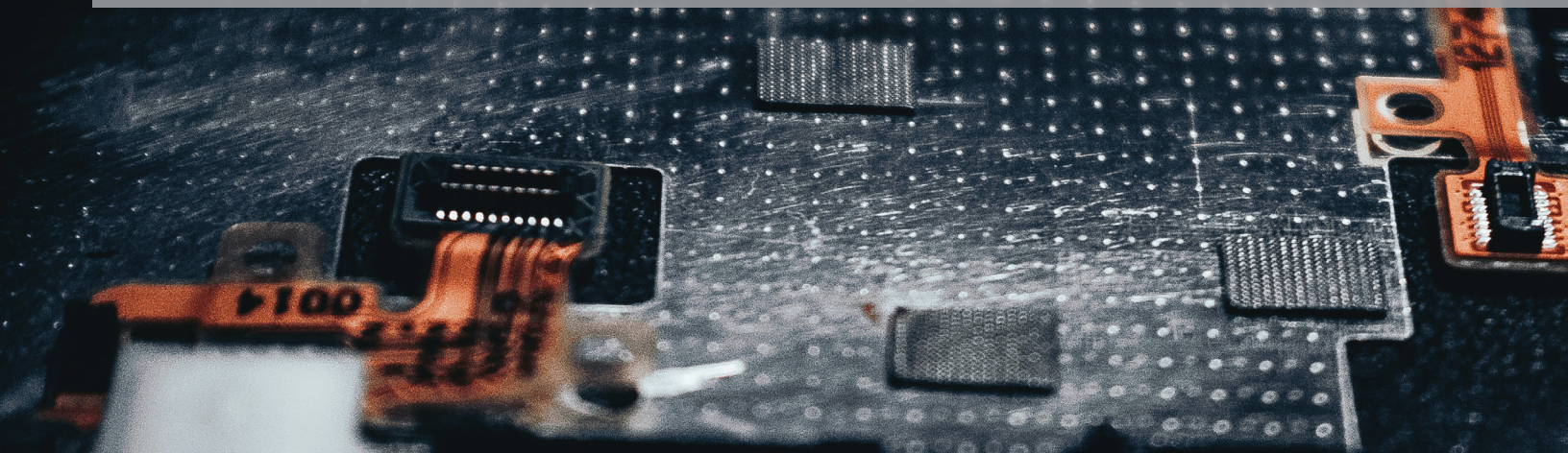




MOVING **AI** TO THE **EDGE**





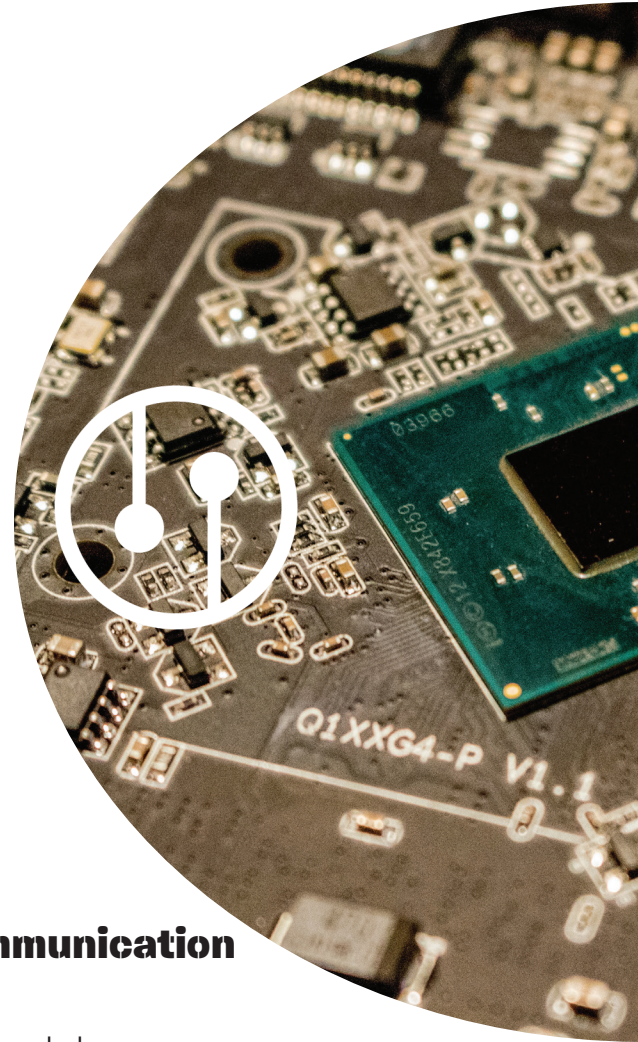
Cloud **performance** prices are too **high**

Low-cost sensors allow us to deploy many sensors in the field but the bottle is the traditional AI cloud solution where high-performance processing of huge data streams is expensive.



Network **throughput** is too **low**

The data generated by sensors on the edge needs to be transferred to the cloud for AI analysis. A reliable and fast connection is required, which is hard to guarantee.



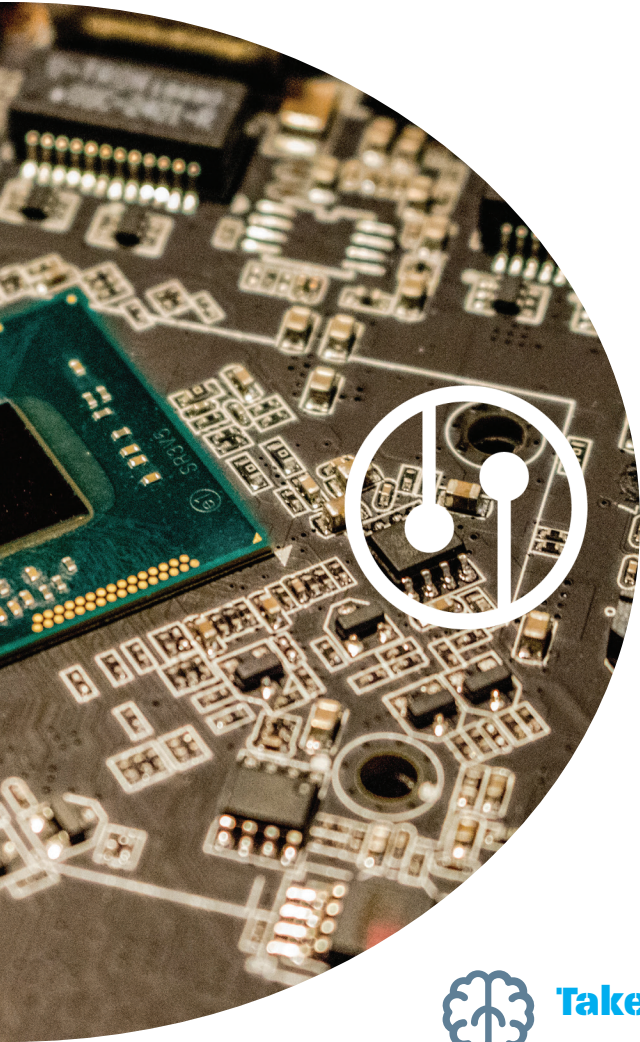
Fast **decisions** without communication **latency** are **needed**

Increased trust in AI permits it to take decisions. In many application, decisions need to be taken in real-time where the latency of the data transfer from using an edge device to the cloud for processing poses a serious issue.



AI at the edge

The current trend in the integration of AI accelerators to the IoT processors to increase the AI performance at the edge enable AI analysis at the edge.



Decentralized analysis and filtering

The AI processing at the edge enables local data analysis and filtering. This decrease network throughput requirements and even make the offline functionality possible.



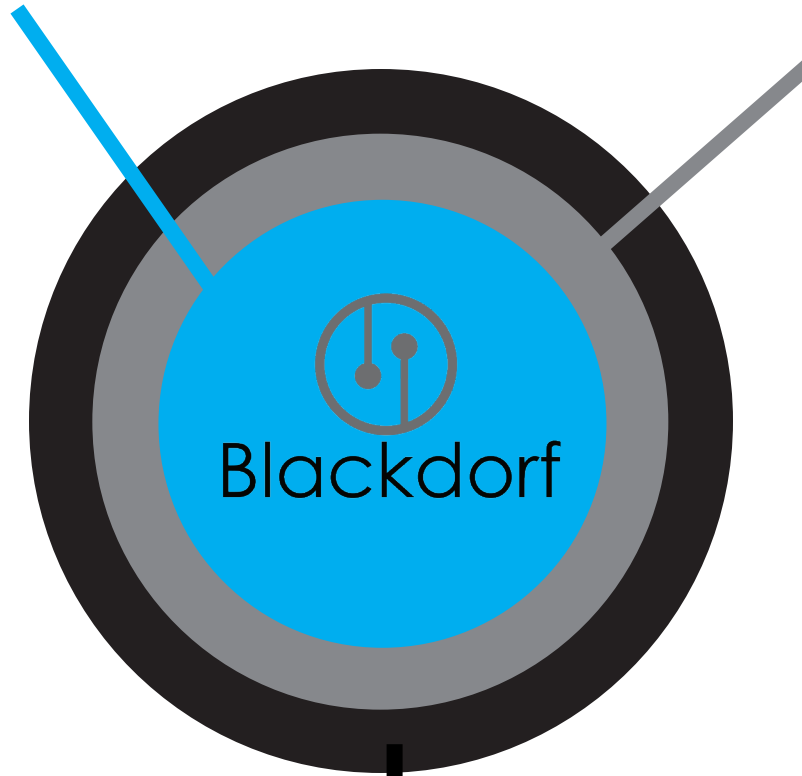
Take decisions locally

The network latency is eliminated when AI analysis is performed locally. Local processing at the edge opens new possibilities for real-time applications controlled by AI.

Our Digital Focus

End-to-End
Hardware, Cloud, Analytics

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Vision, Audio, Text experts



Machine Learning & A.I.
Complete Data-centric solutions





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