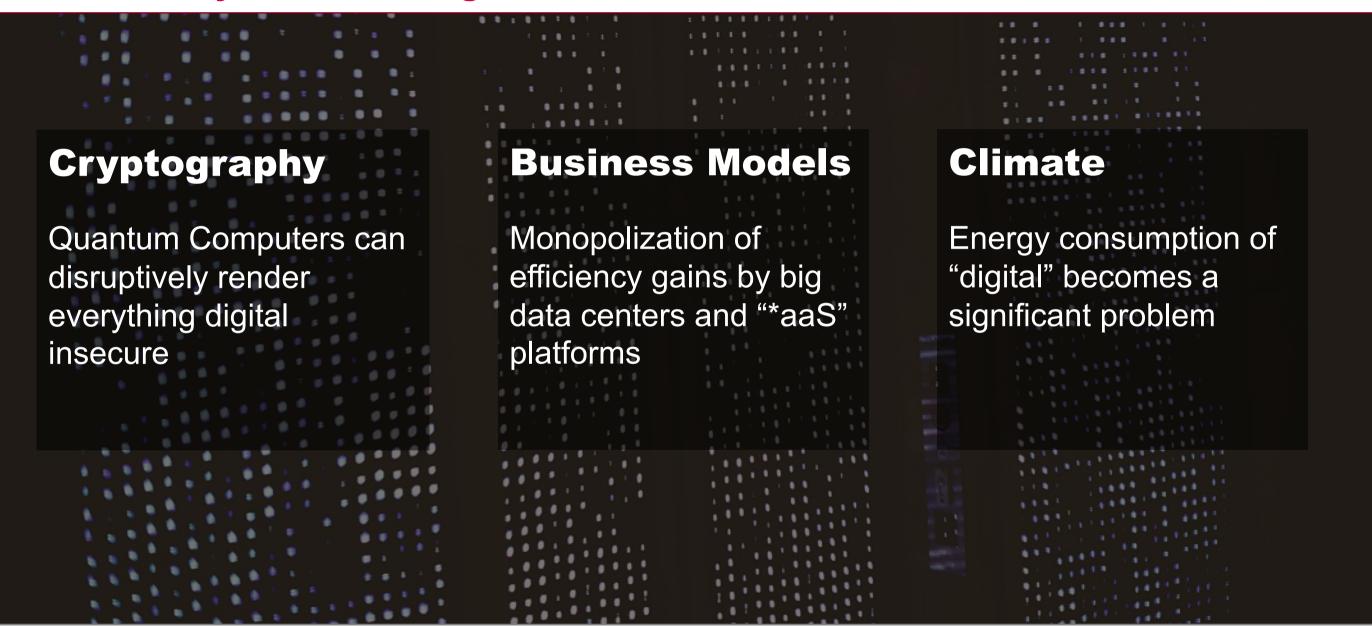
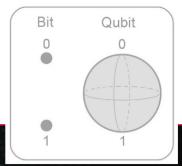
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What really threatens digital revolution



The Quantum Computer Threat



"Classic Computer"

Today's Algorithms are optimized for Zero / One Logic

Scalability well-known, Moores Law

Not well-suited for "hard problems" (like factorization...)

Quantum Computer

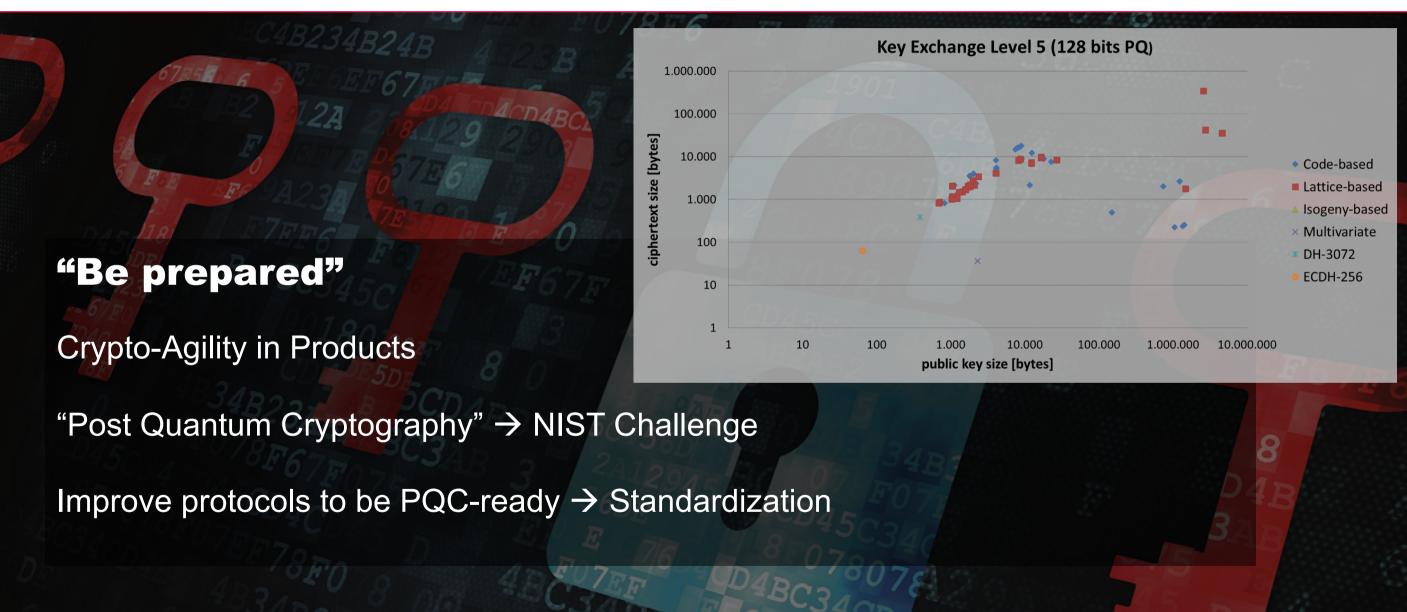
"Continuum" of state

Scales dramatically better for specific problems... like factorization (Shor)

Currently "inventing the transistor", but...



The Quantum Computer Threat – what to do?



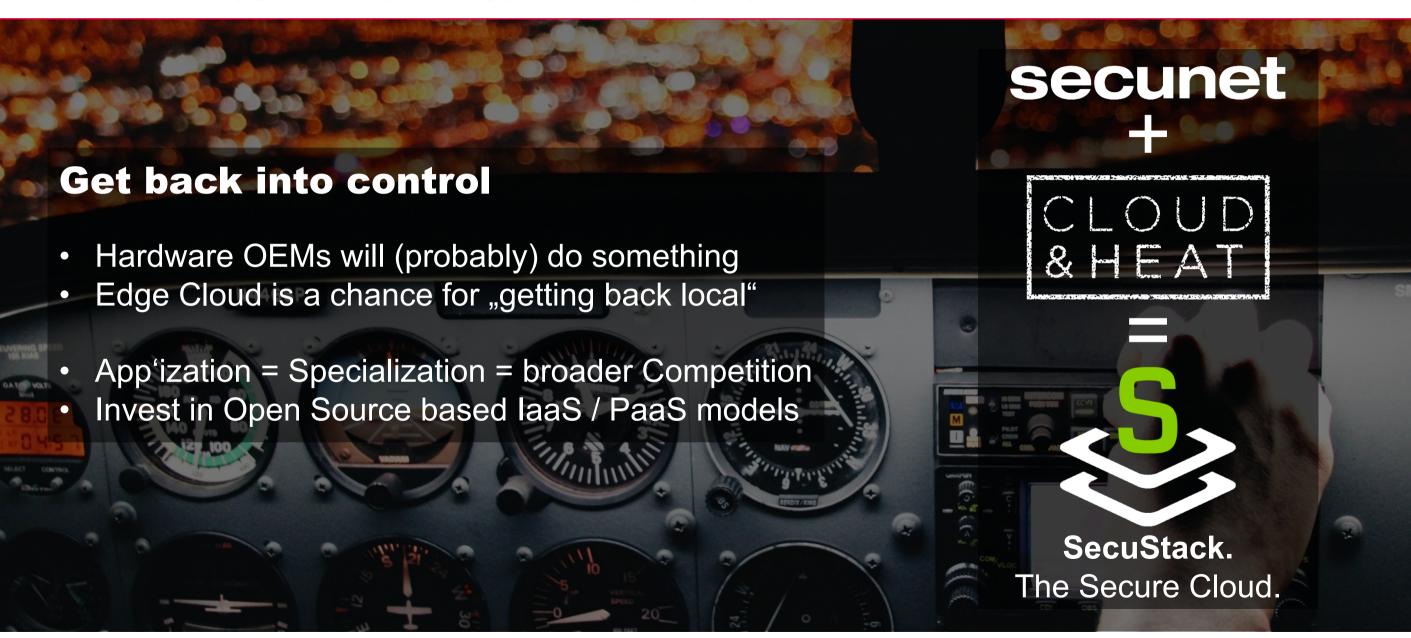


The Business Model Threat

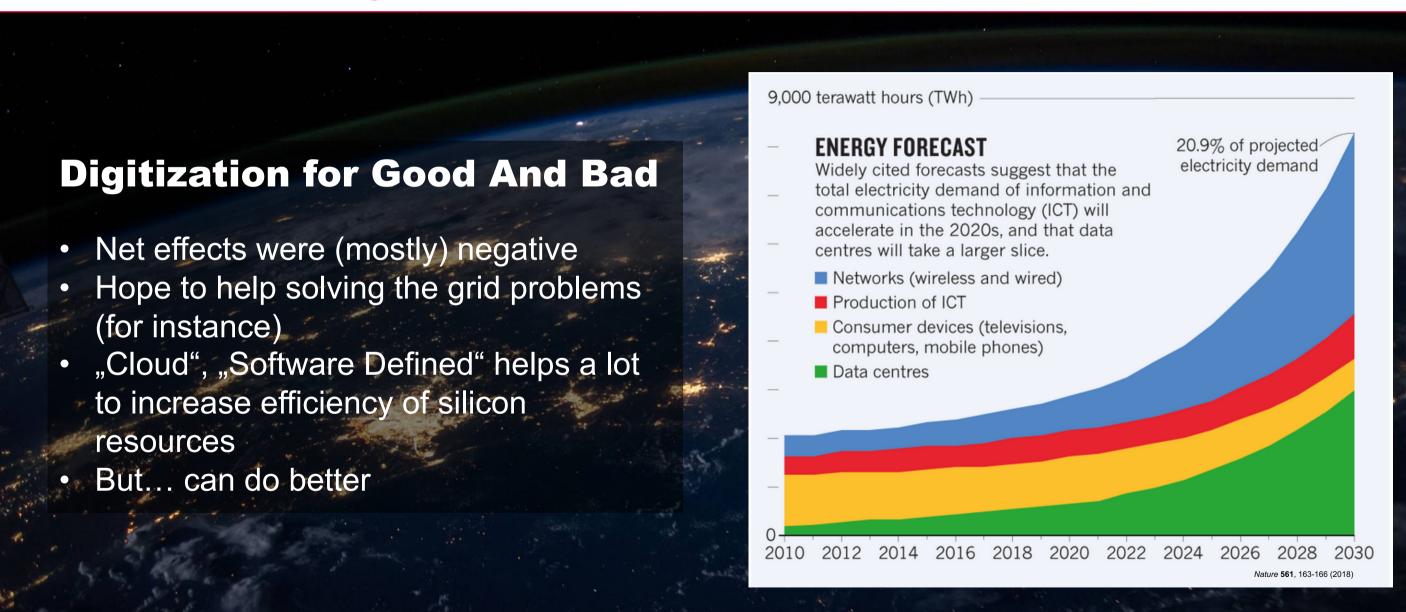




The Business Model Threat – what to do?



The Climate Change Threat





The Climate Change Threat – what to do?



How to Avoid Desasters?



- Do early research (Post Quantum, Networking, SDx...)
- **Explore new business models and technology** (sort of risk appetite)
- Total Cost of "Ownership" Cheap today might not be cheap in the long run Some costs might not yet be payed for

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