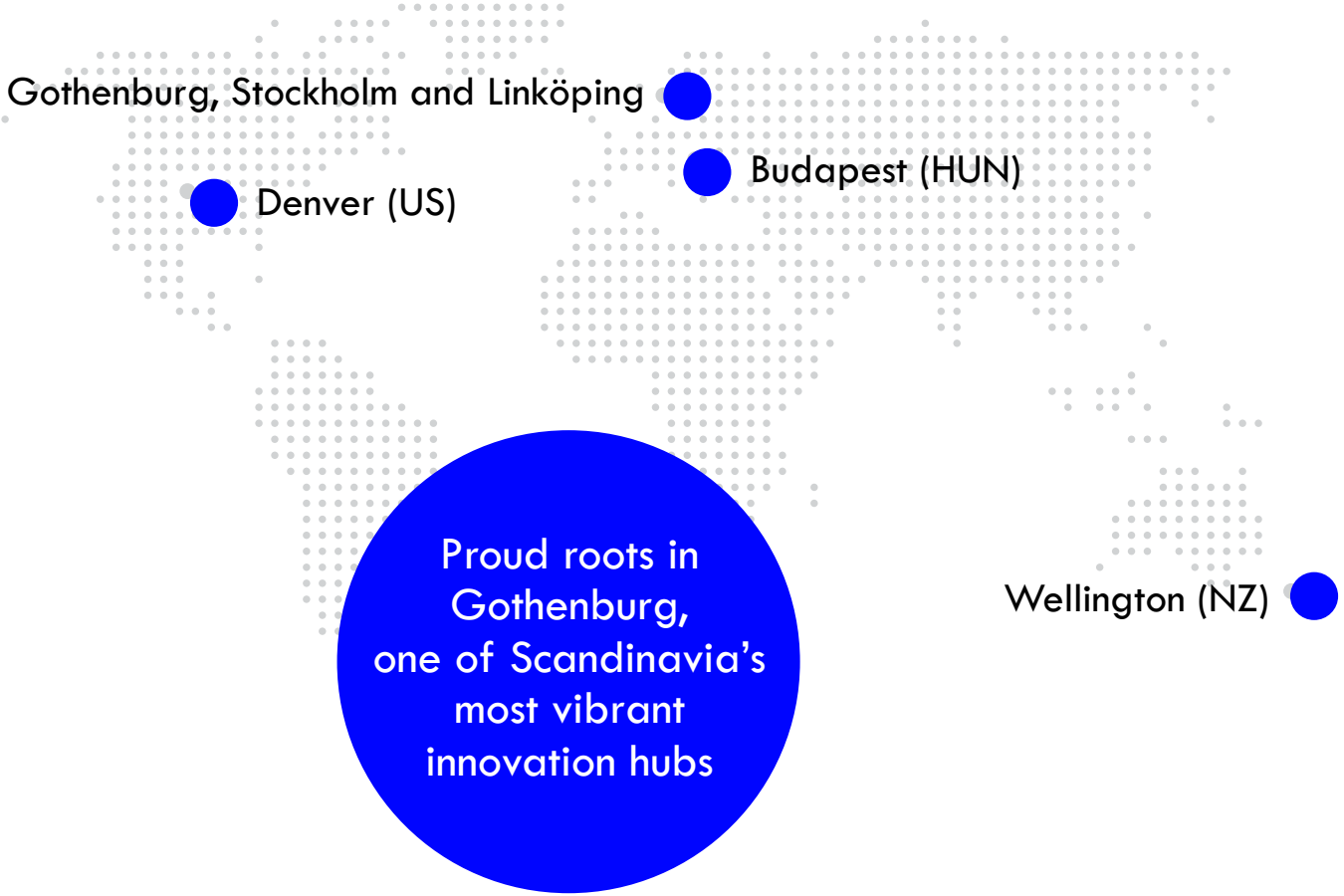


qamcom

Qamcom is a knowledge-based research and technology company within hardware, software and system development bridging the gap between research, technology and business.

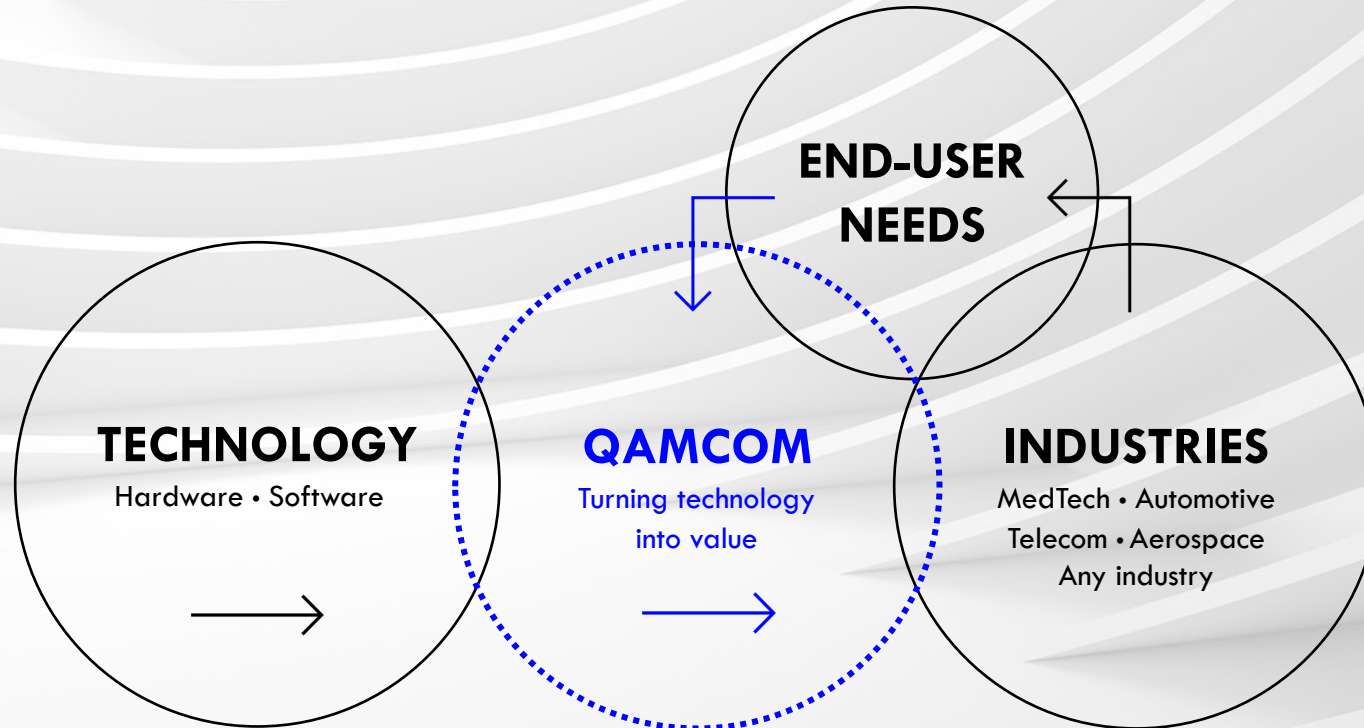
ABOUT US.



Founded in 2001	6 locations
150 outstanding people	40% have a PhD
16 Average years of experience	

OUR CONTEXT.

Turning technology into value for any industry. With insight about the end-users needs we bridge the gap between technology and application.



OUR FOCUS.

We turn technology into value for any industry.

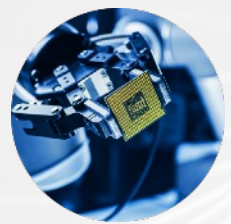
Focus Industries



AEROSPACE



AUTOMOTIVE



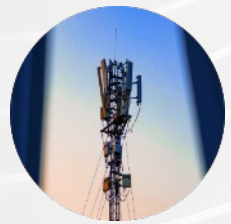
MANUFACTURING



MEDTECH



SMART CITY

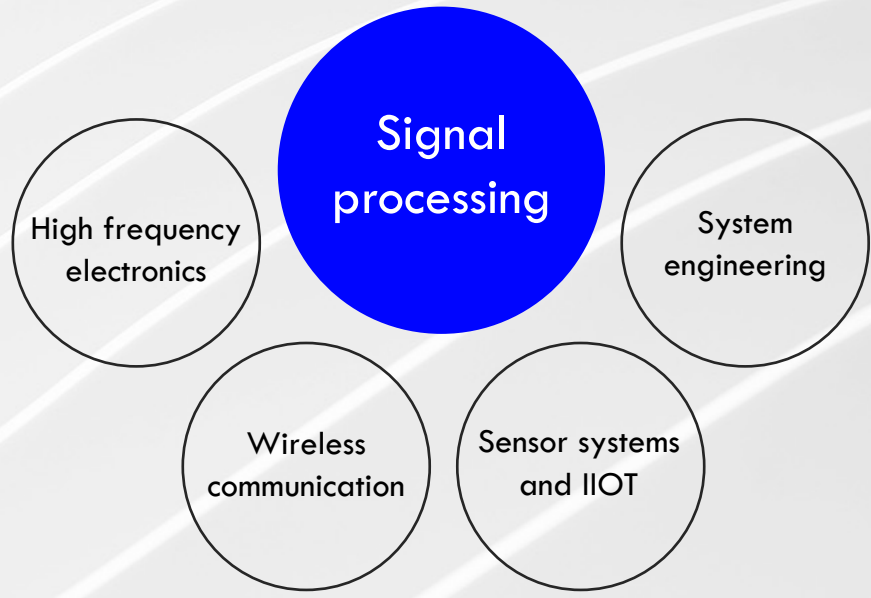


TELECOM



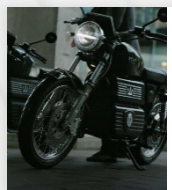
OTHER INDUSTRIES

Focus Areas

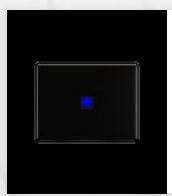


CUSTOMER STORIES.

AUTOMOTIVE



Customer story – RGNT
HMI for one of the coolest electric motorcycles in the world



Customer story – Hugin
4D high resolution imaging radar for advanced perception capabilities

AEROSPACE



Customer story – SKA
Reveal the secrets of the universe with the world's largest telescope



Customer story – EISCAT
Climate research through a huge radar

MANUFACTURING



Customer story – LibriXer
Vegan protein through mechanical engineering

MEDTECH



Customer story – Mabtech
Vaccine development with Spot analysis



Customer story – RTHS
Hack a pandemic with a holistic health scanner

SMART CITY



Customer story – Stockholms Stad
A safer, smarter and more sustainable city

TELECOM



Customer story – Aviat
Algorithms into the Next Gen HTF



Customer story – Vivint
Improving Smart homes in the US with Gigabit speed



Customer story – Telecom
Adding expertise in a world leading organization

Customer story – RGNT

Connected bike user interface for RGNT No.1

- Solved design challenges with hard production deadlines
- Features of the public road-approved vehicle HMI:
 - Drive-train mode selection
 - Monitors charge statistics
 - Positioning, map services and cloud connectivity
 - Fleet management and big-data ready backend



“Qamcom understood and put energy into our vision and high expectations regarding the technology both in software and hardware.”

Alexander Lewandowski
Head of Design & Engineering at
RGNT Motorcycles

Customer story – SKA

Reveal the secrets of the universe with the world's largest telescope

- Radio telescope with over one square kilometer of collecting area
- Responsible for final design and industrialization of the digitizer that converts the collected analogue signals to digital signals
- Providing advanced low-noise signal (electrical and mechanical) expertise
- Realizing the research in order to enable investigation of the deepest corners of the universe



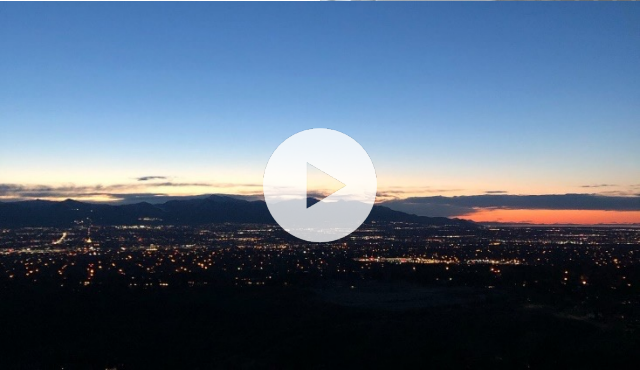
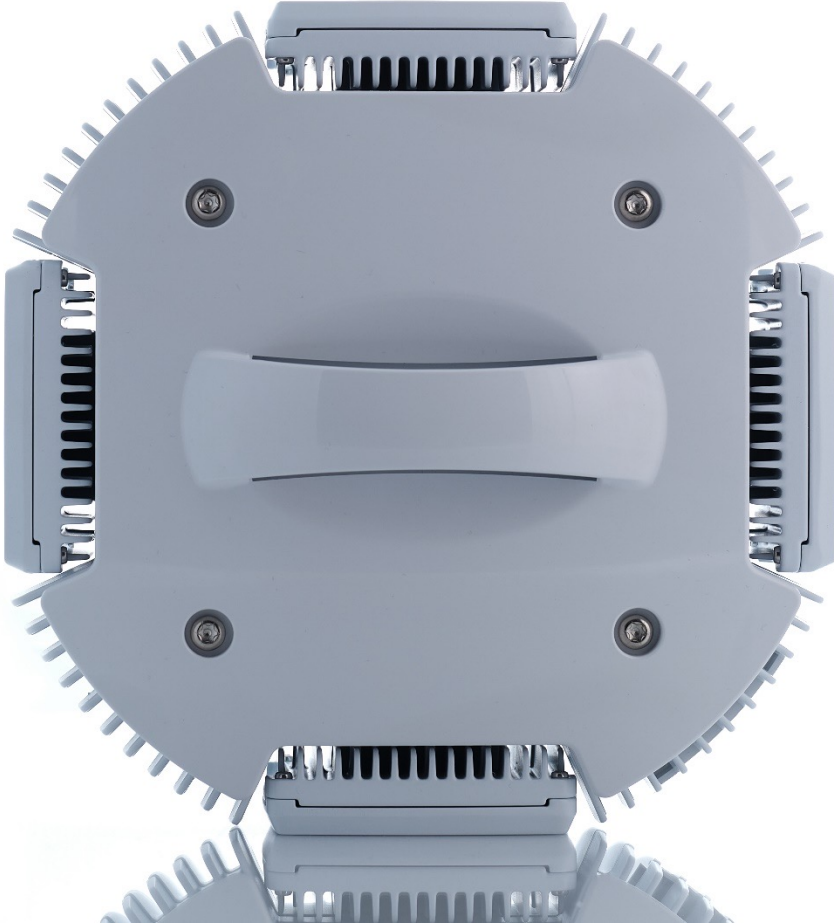
“Qamcom’s impressive expertise within the field of low frequency signals, in relation to both electronics and mechanics, is considerably valuable for Chalmers, SKA Project and the astronomers.”

Paul Häyhänen
Head of Innovation and Project Management at
the Chalmers Industriteknik Foundation

Customer story – Vivint

Improving smart homes with gigabit speed

- Utilizes the license free 60 GHz (V-band) spectrum
- Self-organizing, self-healing and utilizing a zero-touch configuration framework
- 360-degree coverage and an IPv6 MESH network as backhaul



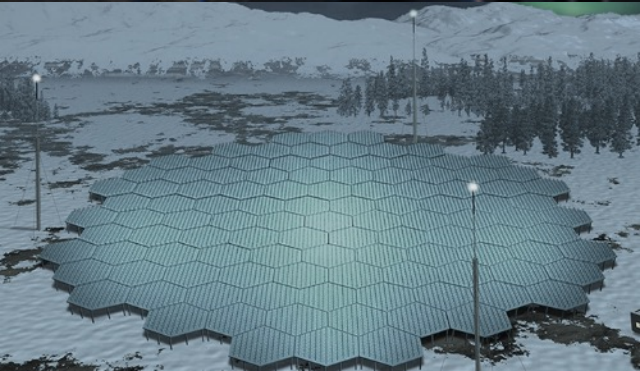
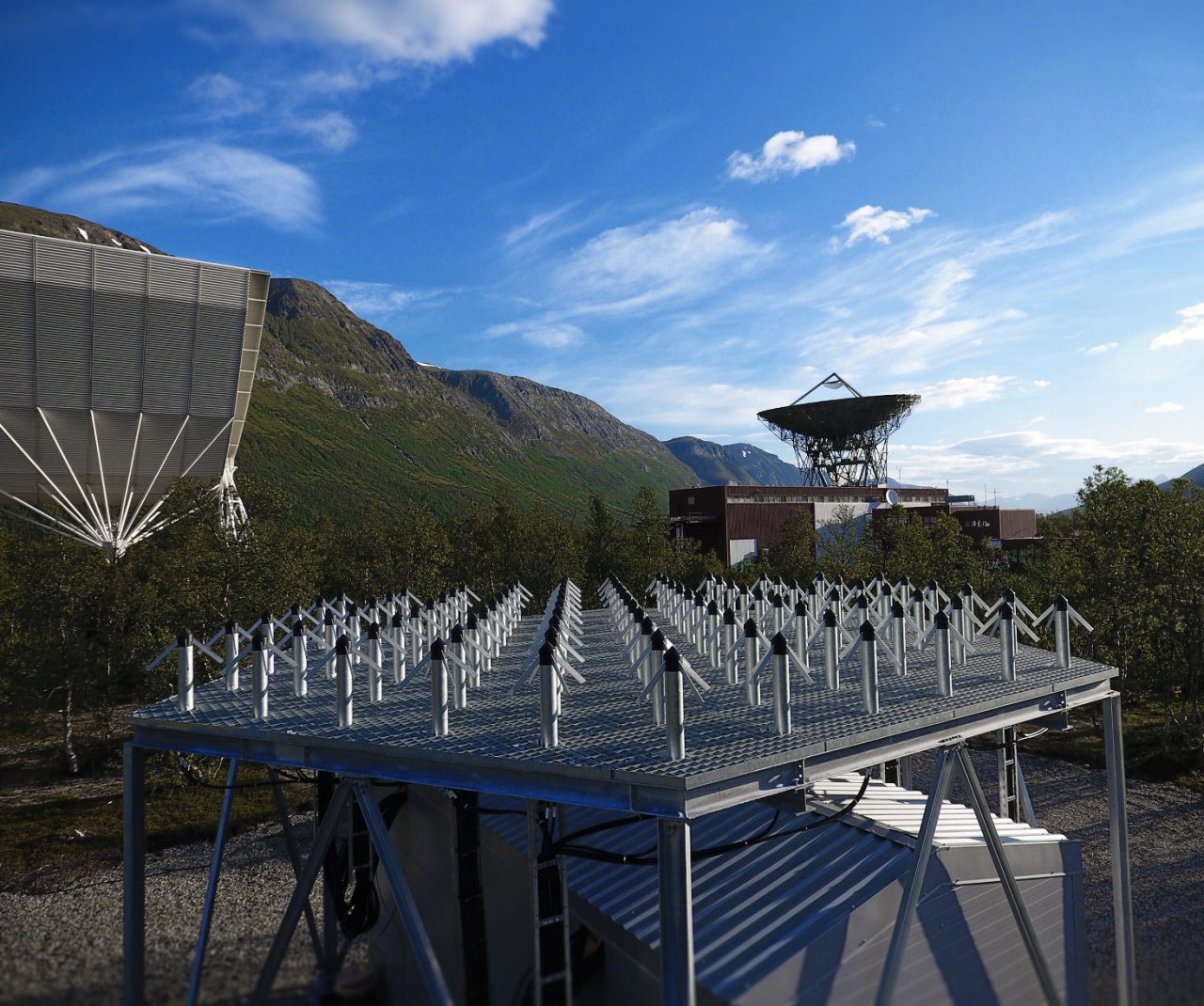
“We selected Qamcom because of their mix of highly talented teams and experience with rapidly prototyping complex outdoor networking products – along with their proven ability to get products into mass production.

Mike Hart
CEO & Founder at Aervivo

Customer story – EISCAT

Climate research through a huge radar system

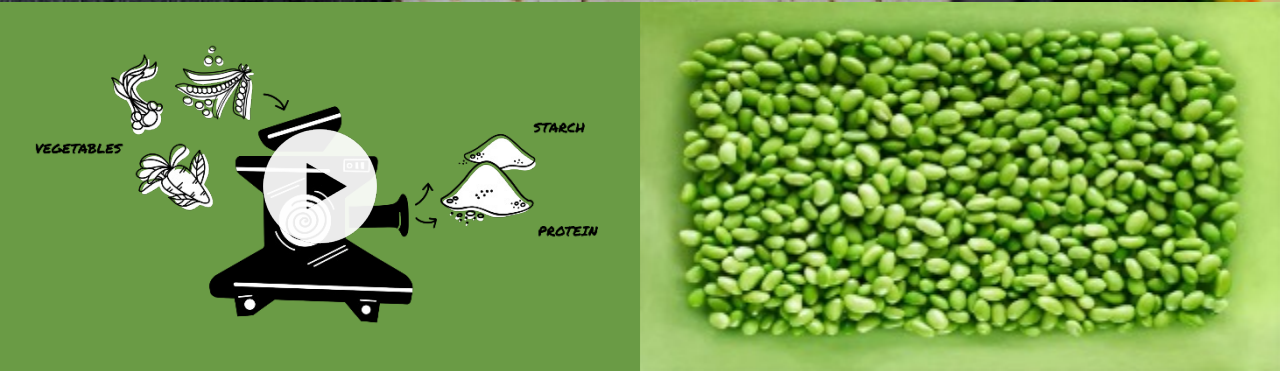
- EISCAT Foundation’s objective is to study particles, Aurora Borealis and space debris in the upper atmosphere
- Development and production of steer and control card for the transmitting antennas
- Providing advanced radar technology expertise
- Qamcom’s solution simplifies, speeds up and enhances the accuracy of the studies



Customer story – LibriXer

Vegan protein through mechanical engineering

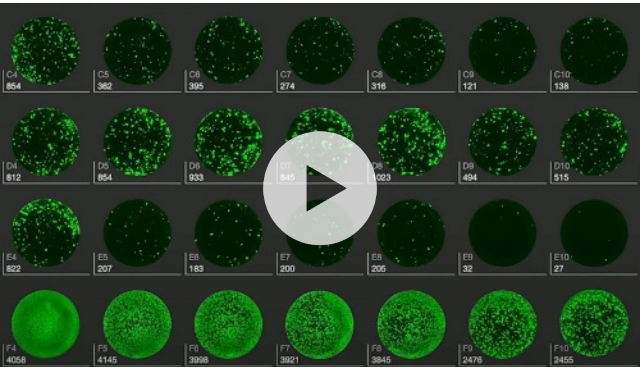
- Redefining sustainability from different aspects in terms of reuse, recycling refinement and reduction
- Assisting in mechanical design to improve the process
- Further contributions and help in the form of IP-work, positioning, design and packaging
- Instant material separation through a dry, advanced and energy efficient technology process – with zero emission and no chemicals



Customer story – Mabtech

Spot analysis into vaccine development

- Reinventing spot analysis – accurate counting and volume estimation
- Plug-and-play – consistently high performance and ease of use
- Innovative hardware enabling self-calibration and software providing automatically optimized settings



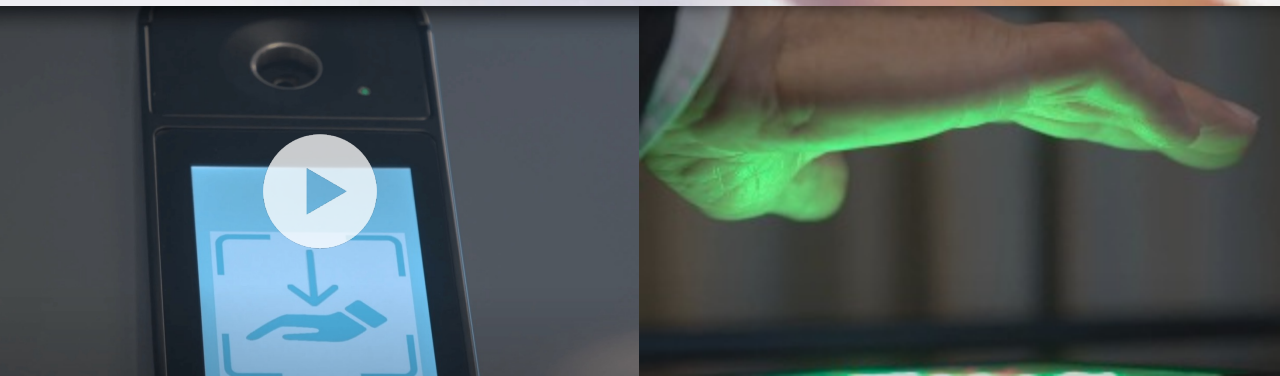
“As a partner Qamcom overcome significant development challenges and delivered some brilliant enhancements to the product that even we had not thought of.”

Christian Smedman
Chief Marketing Officer at Mabtech

Customer story – RTHS

Hack a pandemic with a holistic health scanner

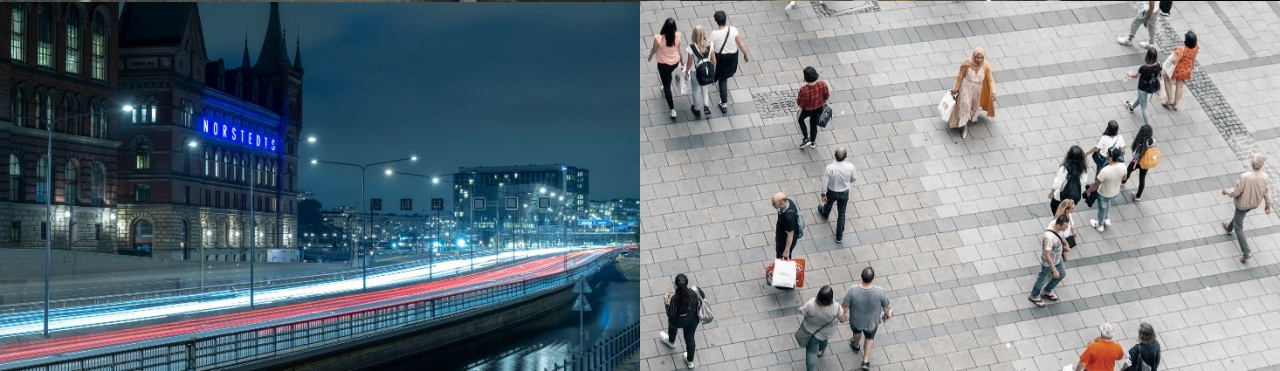
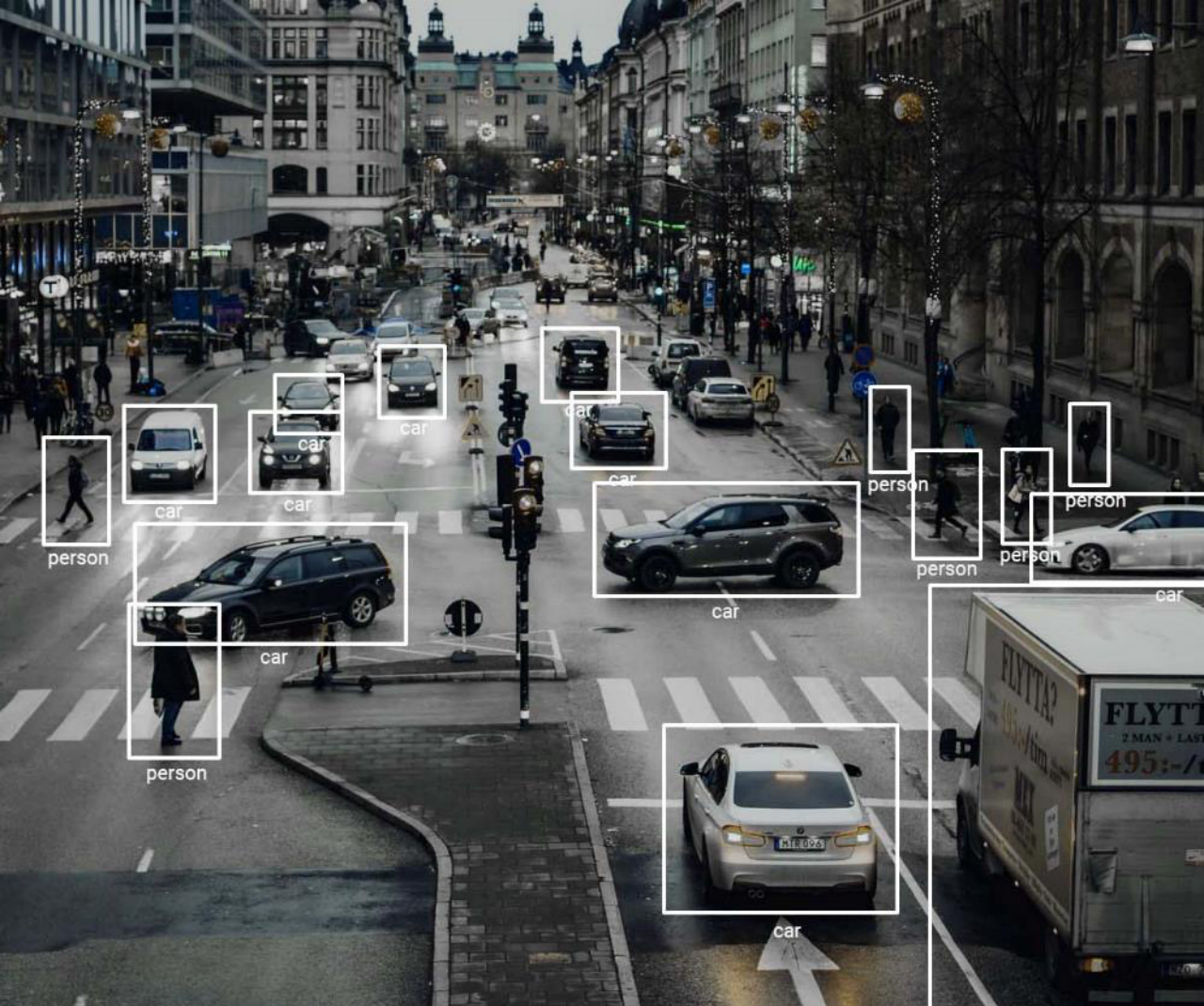
- Real time, automated hand scanner that can detect possible symptoms for different infections in a matter of seconds
- Part of the research and development process from the start – leading the system as well as the software and hardware development



Customer story – Stockholms Stad

Help Stockholm become the world's smartest city by 2040

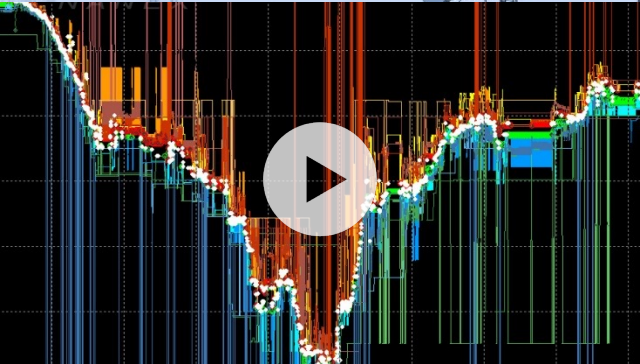
- A multi-function sensor system for Smart City solutions
- Advanced neural networks for object detection, classification and tracking
- Simultaneous detection and counting of vehicles and pedestrians for real-time traffic light management and data collection



Customer story – Aviat

Algorithms into Next Gen HTF

- Industry leading latency via a simple firmware upgrade to installed systems
- Reapplication of communication theory through state-of-the-art algorithms
- A 75% reduction in latency; a major improvement in the race to zero latency
- Achieved on budget and within an aggressive time frame



“Since 2012 we’ve been involved at the cutting-edge of low latency networks. The software and firmware upgrade from Qamcom dramatically reduced the latency of our solution. It enabled us to maintain that edge.”

Matthew Hansen
VP Product Line Management at Aviat Networks

Customer story – Telecom

Adding expertise in a world leading organization

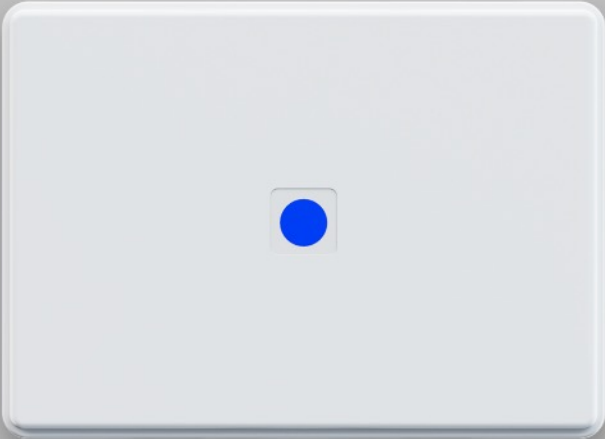
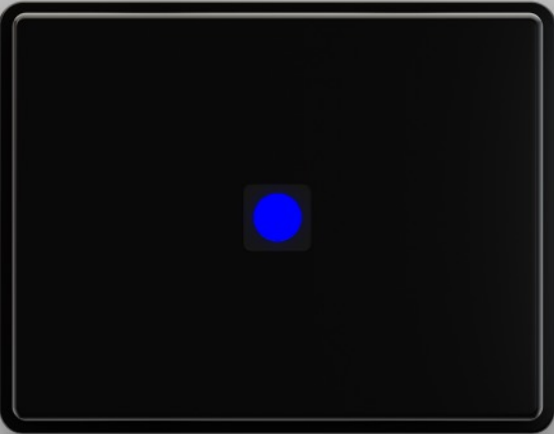
- Qamcom turns wireless connectivity into greater availability through ample experience and extensive expertise
- More than 20 years of experience in the field, working with many of the global Telecom vendors
- Active in the 6G research project Hexa-X
- Qamcom is the perfect Telecom partner through the whole process – from prototype to products ready to deploy



Customer story – Hugin

Smarter societies with 4D imaging radar

- A technology for industrial autonomy
 - with the capability of detecting and separating hundreds of static and moving objects simultaneously.
- A wide field-of-view, long detection range and high resolution
 - provides an ideal solution for monitoring and surveillance, ensuring safety and yet integrity



OUR OFFERING.

Value driven technology application solutions, products and services covering sensors, signals and systems:

QAMCOM SYSTEMS

Algorithms • Machine learning • Sensor fusion
Signal processing • Computation • Optimization
System design • FPGA • IoT • System architecture
IPR • System safety

QAMCOM HARDWARE

Sensors • Radar • Solar cells • Fuel cells
Vision and Imaging • PCB Design • Mechanics
Antennas • FPGA • Wireless transceivers • IPR

QAMCOM SOFTWARE

Wireless systems • Embedded software • MedTech
Machine learning • DSP programming • Production test
FPGA and ASIC design • GPU programming • IPR

IPR STRATEGY • PROJECT MANAGEMENT • SYSTEM SAFETY • CERTIFICATION • RADAR

ENGAGEMENT MODELS.

We can offer everything from on-site consultants to external R&D or full transformation within Systems, Hardware, Software, System Safety, IPR Strategy and Project Management:

RESEARCH AND DEVELOPMENT

Project team with key knowledge to innovate or refine a product or a service.

REINFORCEMENT

On-site consultants to cover missing key knowledge.

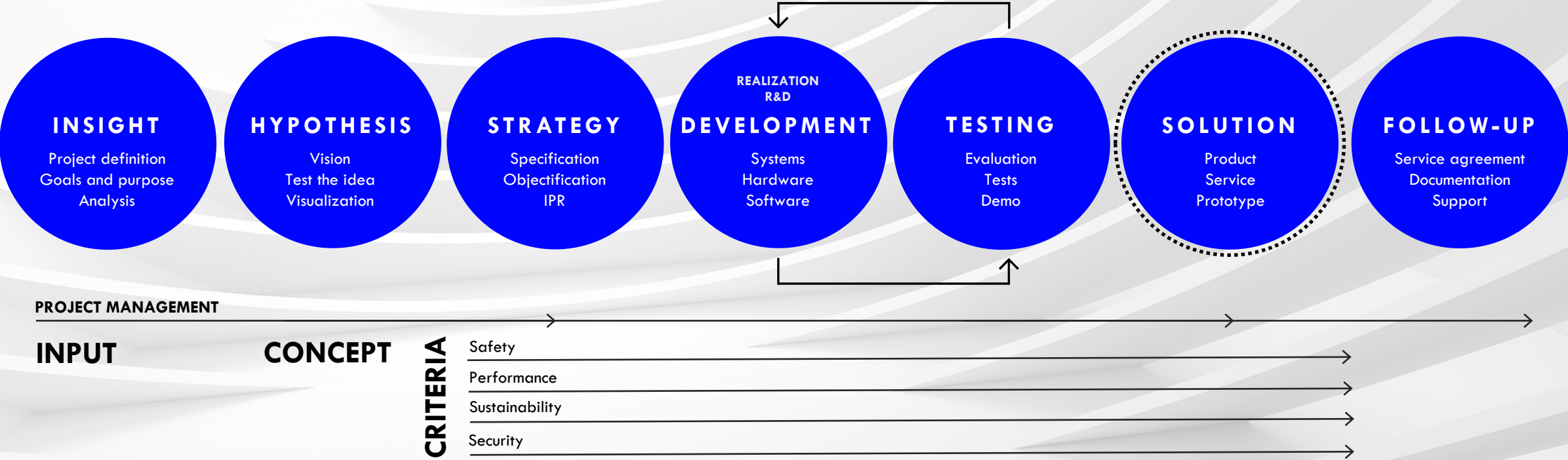


REALIZATION

Turnkey solution for advanced transformation or making an idea come true.

OUR PROCESS.

Value driven technology development process fuelled by expertise, experience and research:



EVOLVING PEOPLE WITH AGILITY AND OWNERSHIP.

- Self-managing teams
- No CEO or management
- Role-based setup
- Decentralized decision-making
- Creative and agile environment
- Responsive and developing approach

