



Advanced signal processing solutions

We enable the unknown

SKAO.

A global initiative to unveil the secrets of the universe.

SKAO is a mega-science organization building two world-class telescopes to revolutionize our understanding of the Universe and benefit society through global collaboration.

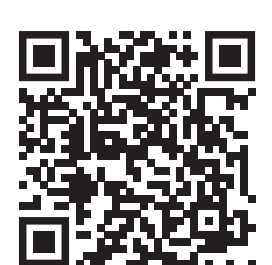


Subsystem
SPFRx123

- Qamcom develops a subsystem for the SKA-Mid telescope that converts radio signals from space into amplified, clean digital signals.
- The subsystem is called Single Pixel Feed Receivers for Bands 1, 2 and 3 (SPFRx123).

Once installed, the subsystem will play an important part in enabling the telescope to observe the universe with four times the resolution, five times the sensitivity, and 60 times the speed of the current leading radio telescopes.

Read more
about SKAO



EISCAT.

Space weather research through a huge radar system.

EISCAT is an international scientific organization with member institutes from various nations, operating radar systems to study the atmosphere, including space debris, meteors and Aurora Borealis.



Pulse and Steering
Control Unit
(PSCU)

- Qamcom develops and produces the Pulse and Steering Control Unit (PSCU), made for controlling the MW scale transmitters (similar to those used in particle accelerators).
- The PSCU transmitter control unit stores and distributes waveforms in correct phase and amplitude to each antenna element.

Qamcom, through our radar technology expertise, delivered a solution that simplifies, accelerates, and improves study accuracy, providing valuable data for atmospheric and climate research.

Read more
about EISCAT



Qamcom in short

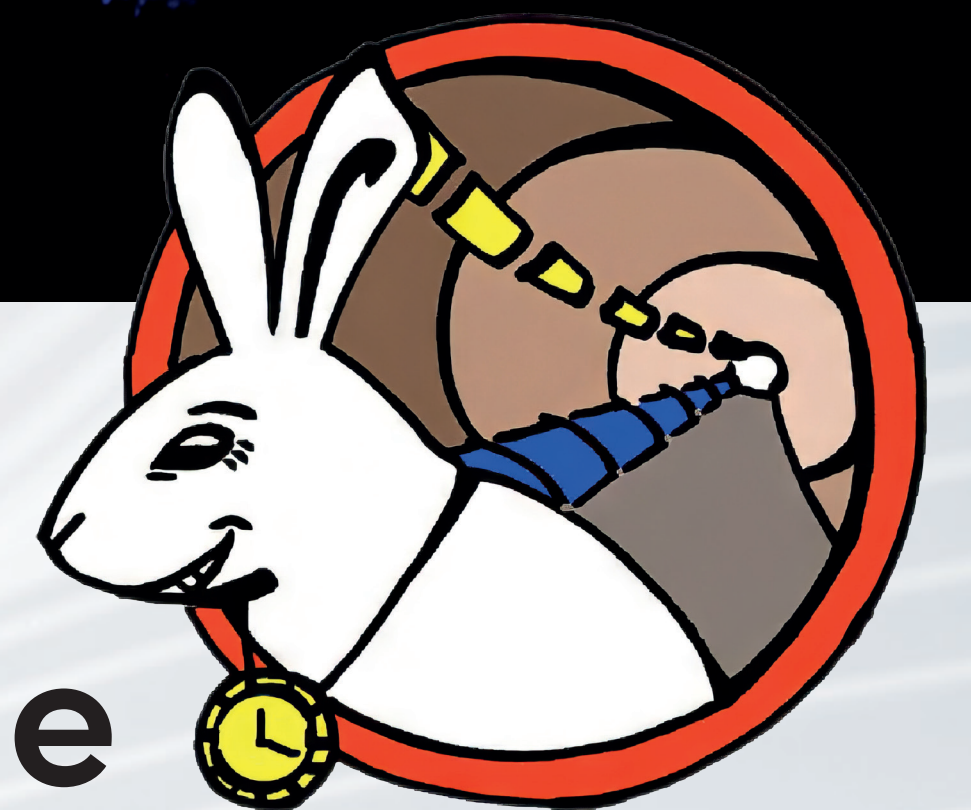
150 technology experts,
35 % with PhDs

Pioneers with an average
of 16 years of experience

7 locations in 4 countries

Qamcom has knowledge
and experience of White Rabbit.

The PSCU uses the Xilinx Zynq UltraScale+ FPGA and adjusted White Rabbit Precision Time Protocol Core (WRPC) to synchronize against the WR network.



Learn more at qamcom.com