

Technolution

*Redefining solutions
we create reliable,
innovate solutions*

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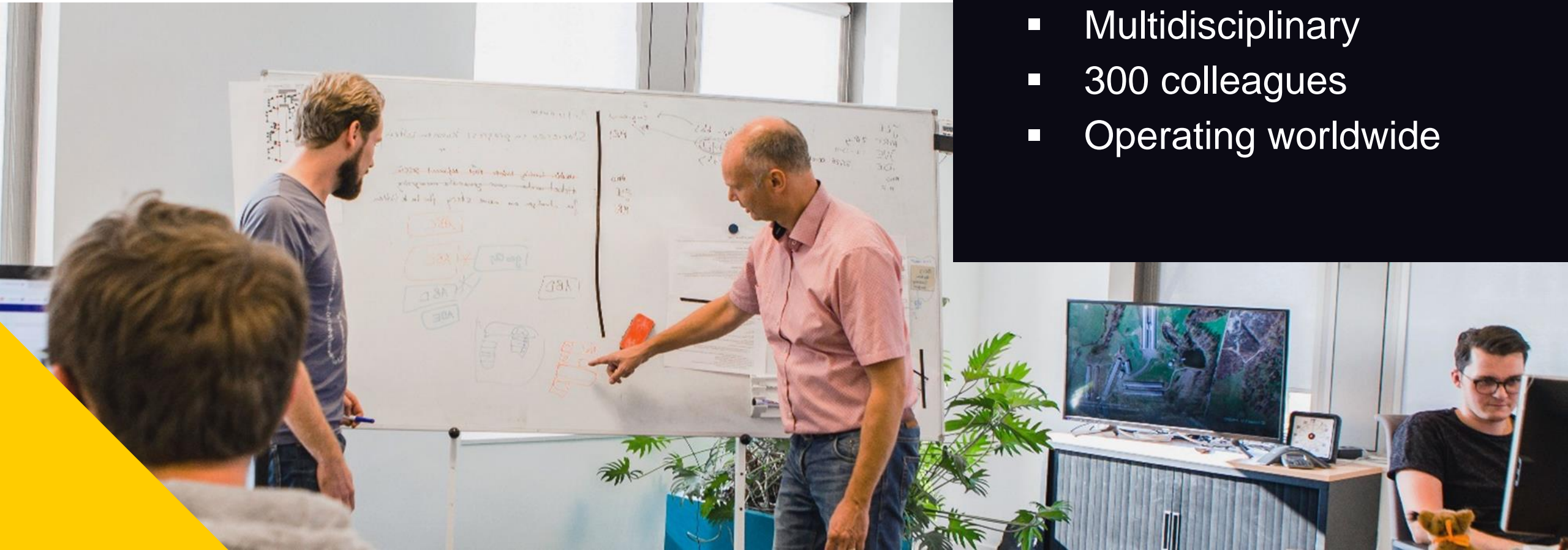


INTRODUCING

1 Technolution

About us

- Innovative technology company
- Founded in 1987
- Multidisciplinary
- 300 colleagues
- Operating worldwide



Our locations



Technolution
Gouda

Technolution Deventer
Deventer

Phase to Phase
Arnhem



Technolution Sweden
Gothenburg



TNL USA Inc. & TNL Nanotech Inc.
Wilmington



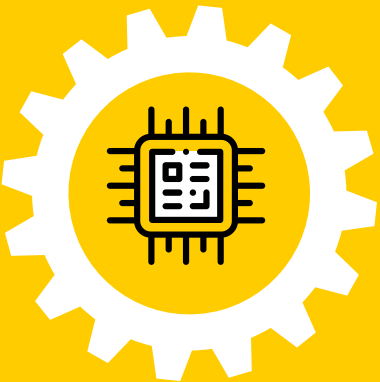
Technolution



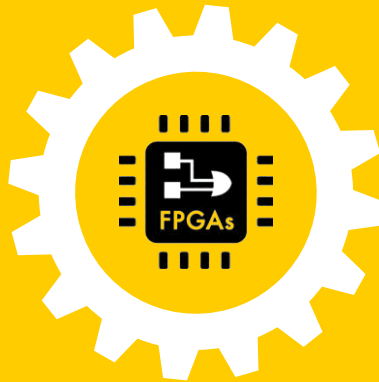
Our expertise and services



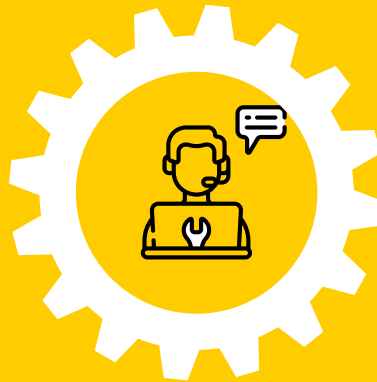
Software



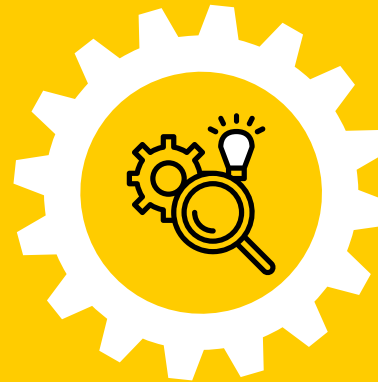
Electronics



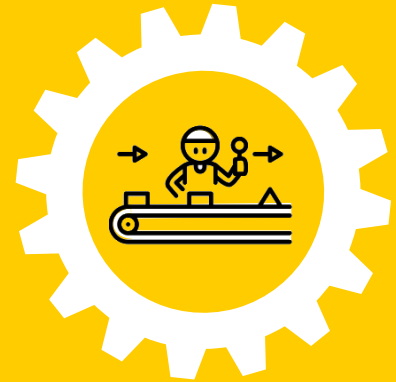
Programmable
Logic



Services



Research &
Development



Assembly

Technolution Move



Solutions for:

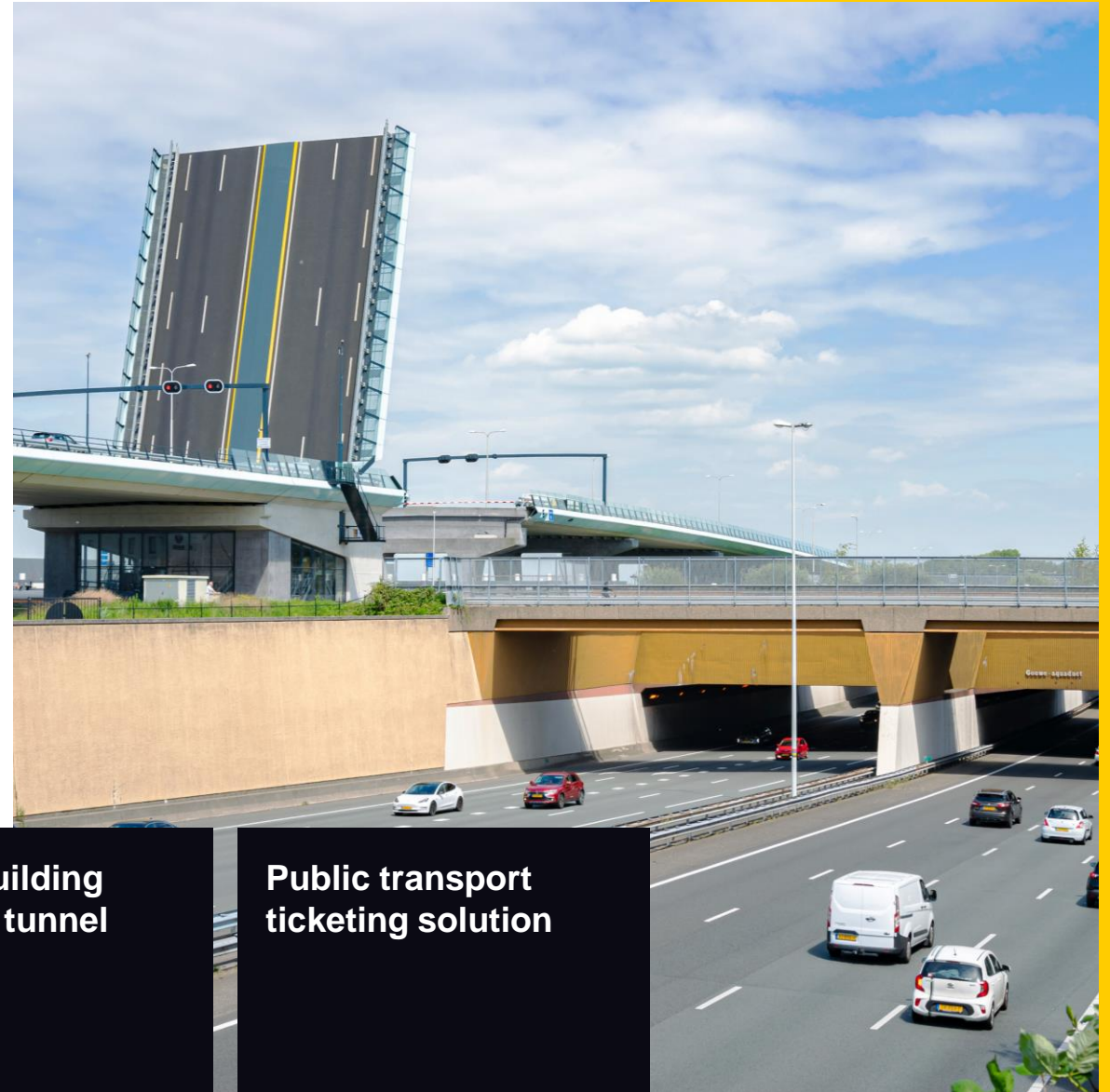
- Traffic Management
- Vessel Traffic Management
- Traffic Control Centers
- Automation of Civil Infrastructure
- Public Transportation

MobiMaestro

**Bridge Management
System**

**Generic building
blocks for tunnel
control**

**Public transport
ticketing solution**





Technolution Spark



Solutions for:

- Data-driven grid management
- Market facilitation
- Energy management

EDSN data platform

Smart Cable Guard

**Digital Twin
low-voltage grids**



Technolution Advance

Solutions for:

- Advanced high-tech and big science systems with hardware, programmable logic and embedded software
- Data acquisition and processing
- Image processing and analysis

**High-speed
data processing
for metrology**

**High-speed
electronics for
multibeam scanning
electron microscope**

**Instrument Control
Unit for SmallSat**





Technolution Prime



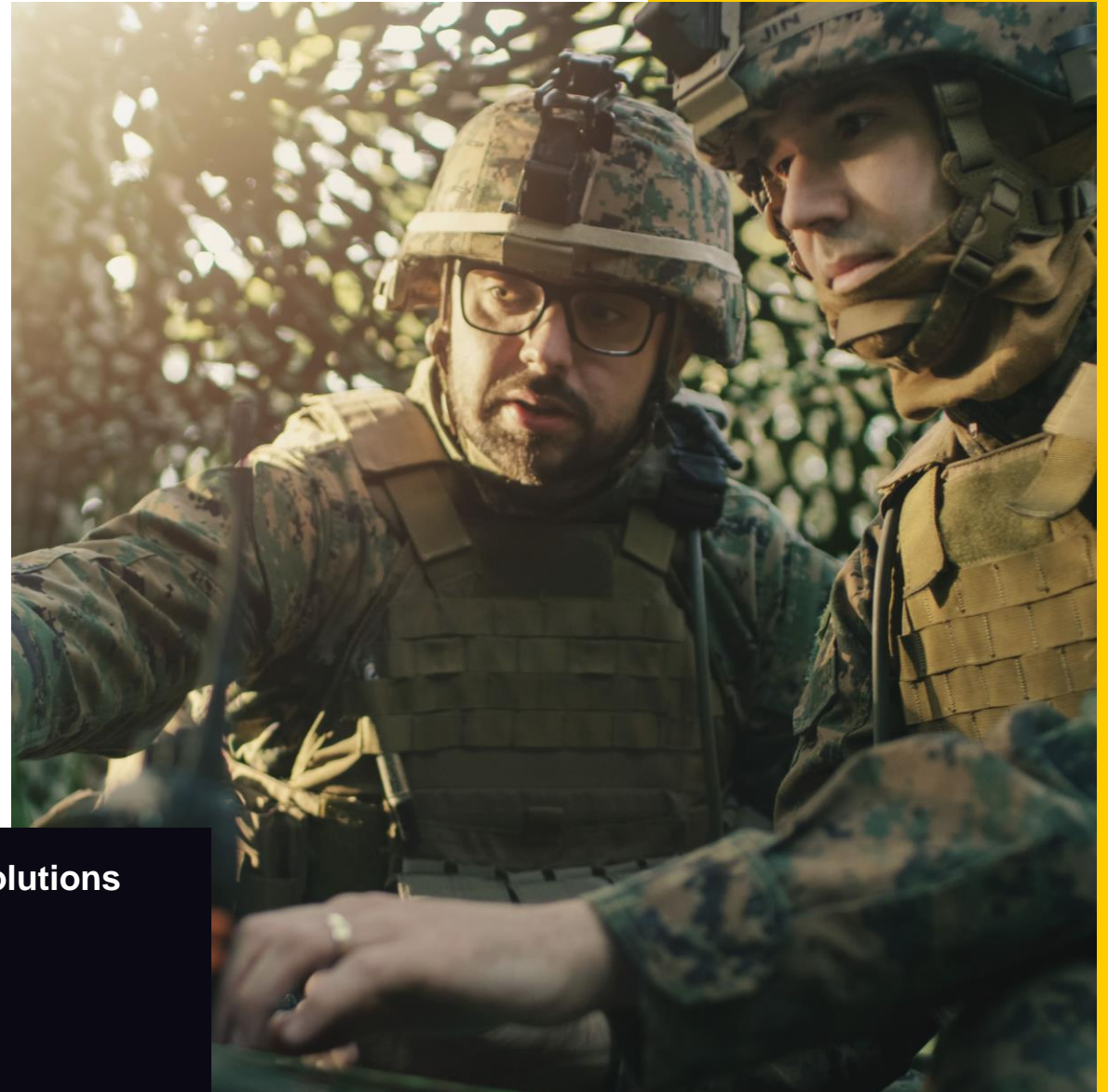
Solutions for:

- Preventive security for classified data in transit and at rest
- Leading validated High Assurance products for NL, EU, Nato
- Consultancy and custom solutions

PrimeLink 3015
line encryption

PrimeDiode 3010
datadiode

Custom solutions

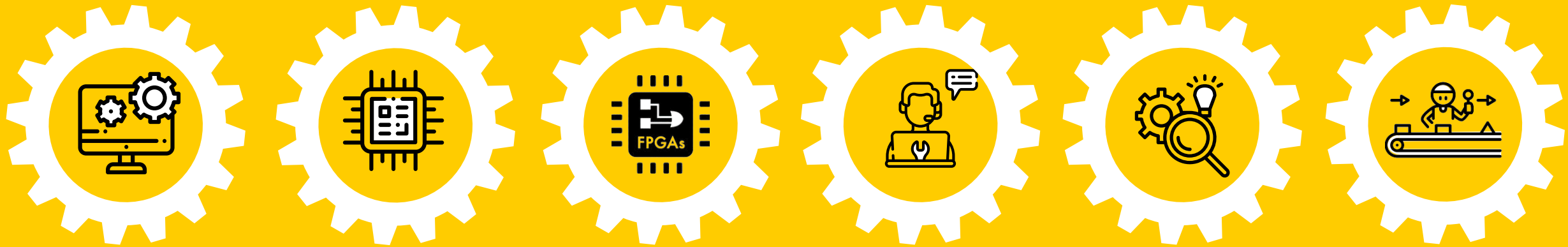


Technolution Advance

Advanced embedded electronics
for Defense, Space, and High-Tech



Advanced electronics and embedded systems



Software

Electronics

Programmable
Logic

Services

Research &
Development

Assembly

- Ruggedized design / **security by design**
- Sensor and sensor interface design
- **Data acquisition, handling, processing** and storage, including AI
- Networking, wired and wireless data- and telecommunications

- **Post-quantum encryption** technology
- Information driven control and decision support (automated)
- Distributed embedded control systems

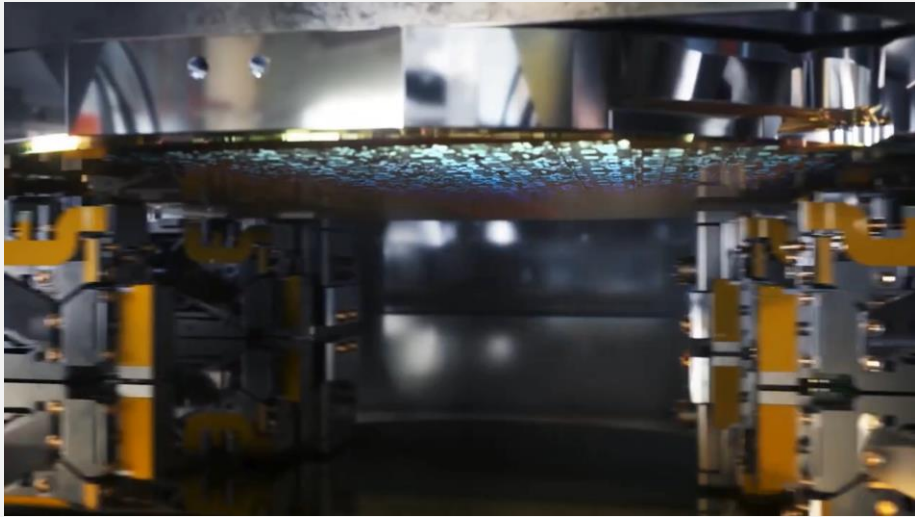


High-speed electronics design and testing



Vendor-independent FPGA design

T **Technolution** **Advance**

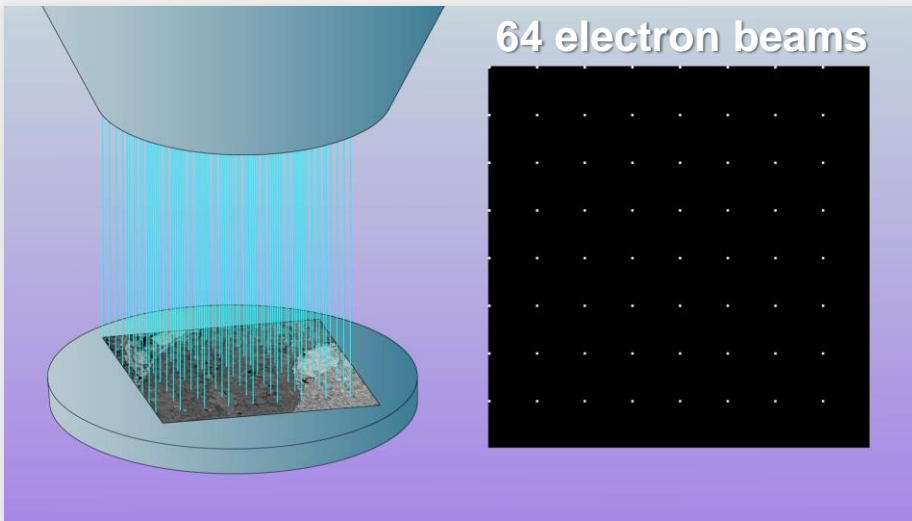


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data processing
for metrology**

**High-speed
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electron microscope**

**Instrument Control
Unit for SmallSat**



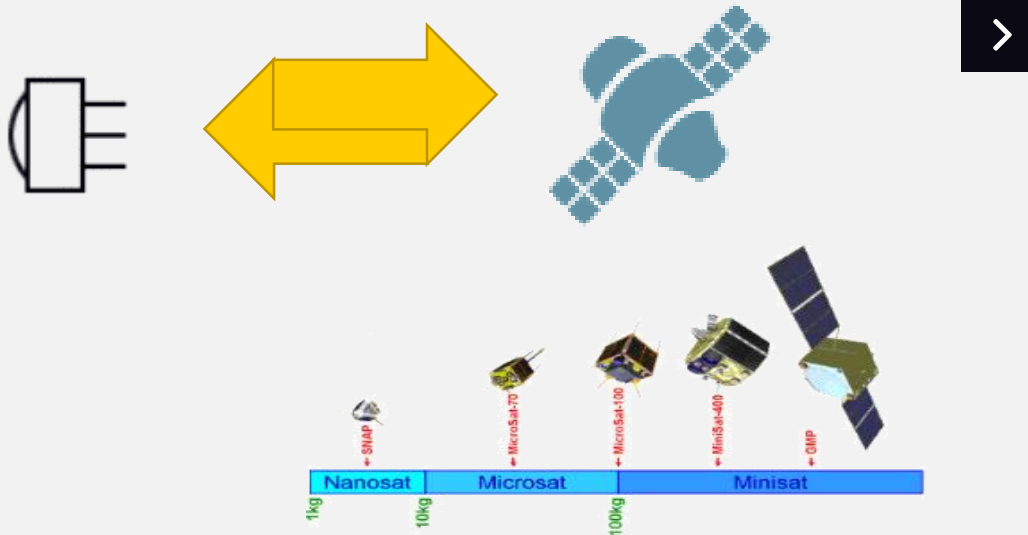


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Technolution Advance



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Thanks for your attention!

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