



**Hardware design office** for electronics and highly reliable systems.  
Markets of activity: IoT, telecommunication, space, defence, rail.



**Manufacturer and distributor of IoT products**  
based on LoRaWAN, NB-IoT, LTE-M wireless  
communication.

IoT Sensor Devices  
powered by **WiRan**



we design  
**HARDWARE**



**One team - two businesses!**



POMORSKI PARK NAUKOWO-TECHNOLOGICZNY GDYNIA



IoT Sensor Devices  
powered by *gwin*

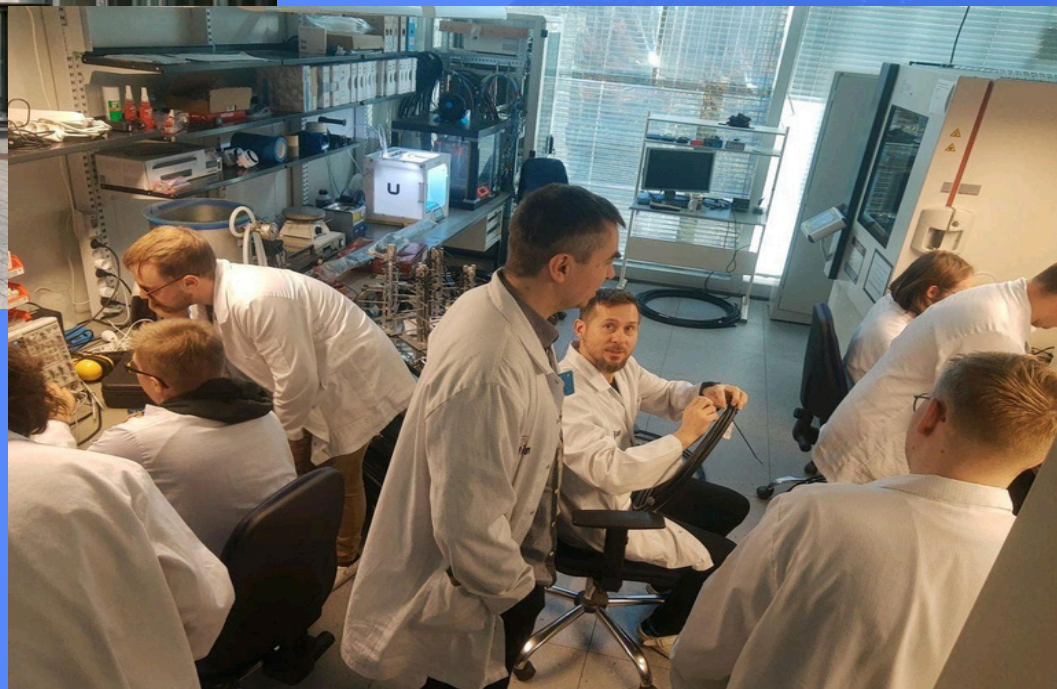


we design  
**HARDWARE**



# One team - two businesses!

Our team constitutes over 20 engineers with experience in the field of radio technologies and development of tailored electronics with appropriate firmware.







### own scope:

- R&DaaS,
- design and manufacturing of high reliability devices,
- RF / EMC testing and consultancy,
- clean room (ISO 7 class).

### with subcontractors:

- PCB manufacturing,
- SMD assembly,
- precision mechanics.

3



Project definition



CAD simulations



Project



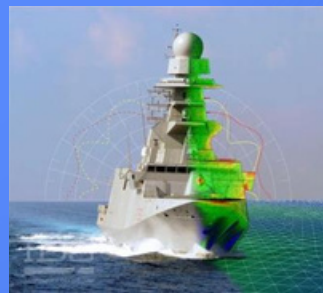
Prototype



EMC and functional tests



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European Space Agency



Polska Agencja  
Kosmiczna



We offer a line of telemetric devices communicating via LoRaWAN, LTE-M, NB-IoT

Intended use:

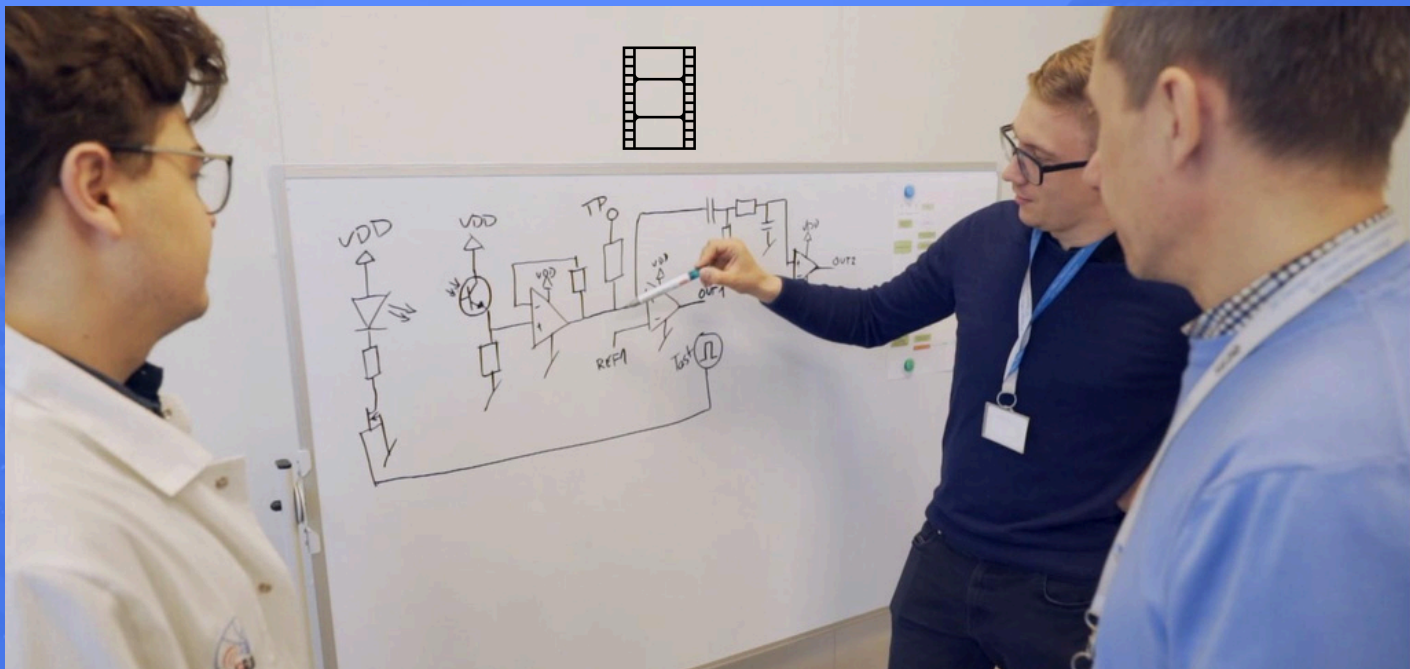
- military industry
- industry 4.0
- smart city
- infrastructure protection
- environment monitoring







We invite you for a virtual 2-minute walk around our laboratories.





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