



# Digital Chips

Holistic Internet-of-Things  
Solutions at the Edge





*Architects of your  
success*



## HOW IOT COVERAGE

**SOLVE REAL PROBLEMS**

The corona virus time has grounded a lot of operations and companies across the globe. Investments have been frozen and people are getting more insecure.

Cameras were always hard to be integrated for various reasons (price, privacy, protocols etc); however nowadays the sensors are becoming less expensive and they are adding more and more functionality supporting any IoT case. We at Blackdorf together with our Partner InviBIT have developed a Camera Building Block that count people but also can measure temperatures from -30°C to +300°C. Exactly in such times security but also safety along with a concrete GDPR stack (as we provide to every solution) can give an edge to every company providing security for the wellbeing of people and their families

**Dr.Dimitrios Marinos, EMBA-HSG**  
Managing Partner



# 1 | OUR STORY

## ... SO FAR

A team working together long-time on E2E digitalisation has built Blackdorf to provide exclusive services. The team's long cooperation and solid technical expertise allows each project to be finalised on time and budget..and we can guarantee that too!



We think  
**CREATIVELY**

Blackdorf has introduced solutions that engage nearly every aspect of your everyday life.



We stand for  
**SIMPLICITY**

Simple and elegant solutions that just work are easy to say hard to deploy. We stand for such values close to all our partners.



We do amazing  
**PROJECTS**

We handcraft every project with our OWN internal resources. Therefore every project is not only succesful but also sustainable.



And we do it  
**ON TIME**

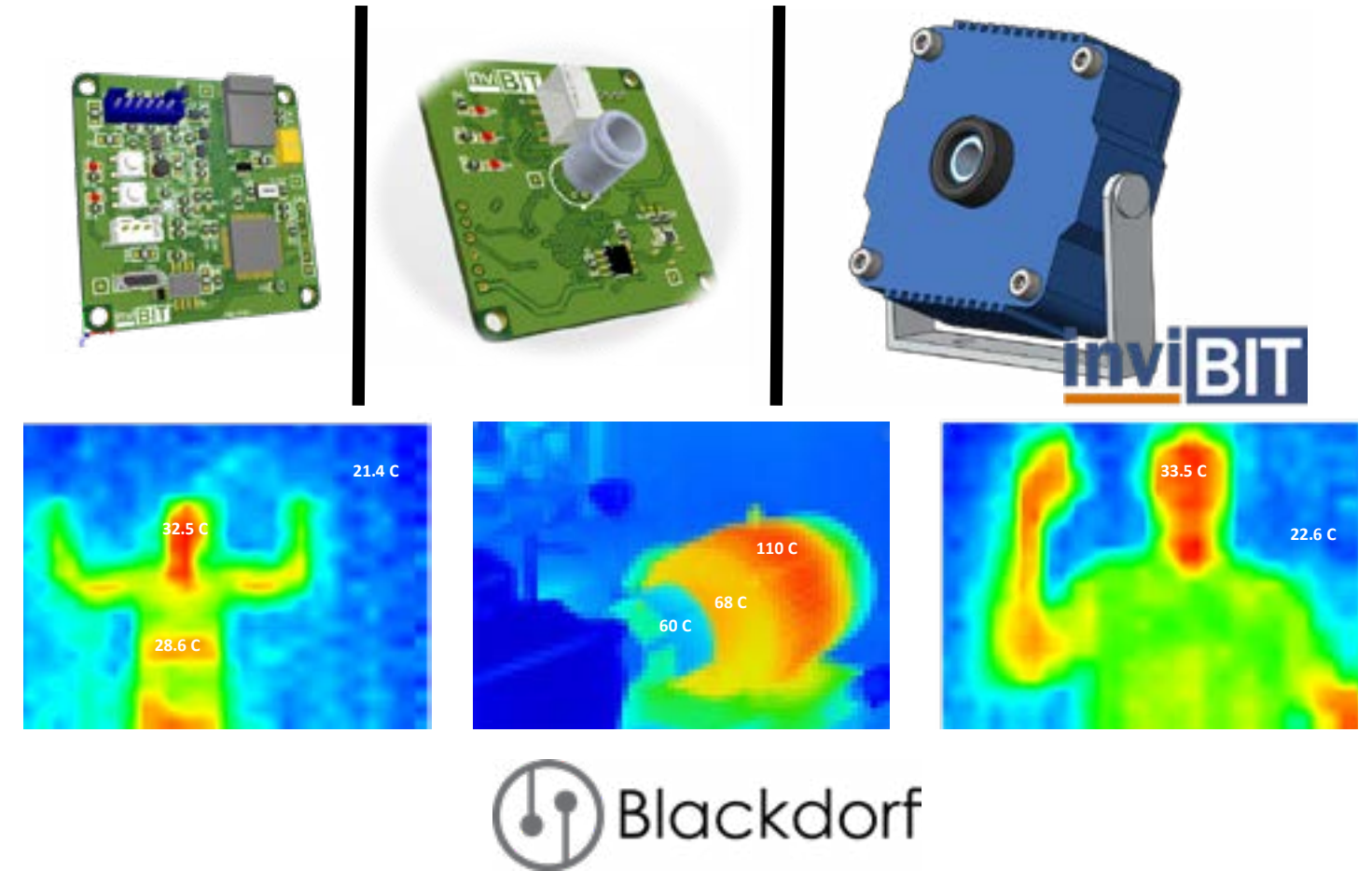
How many can claim that no deadline is missed. We are so sure we take it a step further... We provide even deadline guarantees.



### Safety & Security in One Solution!

Internet-of-things has changed the ways development, but also digital solutions are implemented today. We at Blackdorf together with our partner InviBIT have implemented a single engineering IoT solution that provides Safety and Security using one low-cost device. With the size of 60x60x20mm and a field-of-view from 55 to 106° degrees this device can really capture the environment holistically.

A camera based solution that has been introduced to measure people and animal movement as well as counting actions (using a trained AI software model) providing extended security for the today household, corporate, facility and manufacturing environments. All data gathered are communicated directly to the cloud services alerting and reporting on a real-time basis.



Considering the current endemic circumstances; the Eagle EYE solution provides -apart from security- safety by monitoring real-time temperature of humans and objects. Ensuring that your operating environment is ready to be used and causes no danger for your employees, customers and partners. Eagle EYE is also a great tool for insurances to keep track of high risk sectors such as

Hospitals, doctors praxis and clinics. The Eagle Eye has an accuracy of 1° degree celcius. Connecting your manufacturing - or other rotating - parts with the Eagle EYE as a "health monitoring device" ensures that your maintenance is done right on time. Use the data captured from eagle EYE to minimize your downtime costs and be ahead of the competition.



Hello

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