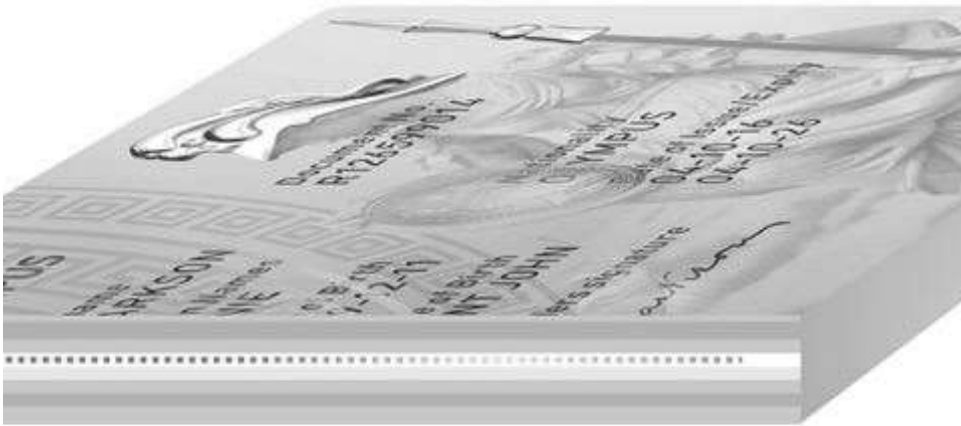


20/09/2022

IQ Structures wins Czech tender for securing national ID cards

Prague, Czech Republic



IQ Structures, part of the IQS Group, a research and manufacturing organisation focused on controlled nanostructures, has announced that it has been selected as the supplier of anti-counterfeiting protection for the ID card of the Czech Republic (population 10 million). The thorough selection process took several years, involved major global players and the result is definitive.

The winning solution is based on IQ Pro ID micro-segmentation technology. To the user, it appears as a set of very sophisticated holograms, but in reality they are carefully calculated nanostructures. It offers, among other things, the following advantages:

Seamless integration in the card - The micro-segmentation means that according to IQ Structures, no one can remove or tamper the holographic layer. Any attempt to manipulate the holographic layer ends up disintegrating the hologram into thousands of miniature parts.

Full area protection - Nobody can change the data. They are protected by, what is termed as, "an unforgeable and non-removable" hologram covering the entire document, up to the edge.

Easy supervision - It is very difficult to fool a supervisor because the various security technologies (security printing, UV and OVI printing, tactile surface embossing and holographic) are integrated into a single design unit that is easy to visually distinguish. This unique design unit can protect different documents, including ID, passport, driving license etc.

Distinctive visual effects - that, according to the company, no one else has yet been able to replicate, including key-hole, see-through holograms in transparent windows, flip-flop (two holograms in one), white 3d bas-relief and full 3d, fluent changes in transparency, combination of transparent and metallic effects and printed elements, etc.

IQ Structures CEO Petr Franc said, "We are extremely pleased with this victory, because the selection process was very thorough. The protective strength, technological maturity and the ability to deliver safely were examined in detail. It was a rare opportunity to objectively compare the technologies available on the global market. We have won a number of awards over the years, but none of them were based on such a thorough analysis of different safety products. We are all the more pleased because even as a Czech company we did not receive any relief."

Tags

[national security](#) [ID card security](#) [anti-counterfeiting protection](#) [IQ Standards](#)

Advert

News from the startpage

[Go to "Business News"](#)

BUSINESS NEWS:

New Convergent acquisition expands Middle East footprint

Convergent has acquired MVP Tech, a leading UAE-based... [Read more »](#)

PRODUCT NEWS:

Upgraded I-Pro Active Guard enhances situational awareness

The latest version of the I-Pro Active Guard plug-in,... [Read more »](#)



BUSINESS NEWS:

Training is key to keeping pace with technological innovations

These days it can be difficult to keep pace with the... [Read more »](#)



PRODUCT NEWS:

Biostation 3 offers industry's first face on mobile feature

Suprema, a global leader in access control and biometrics,... [Read more »](#)



BUSINESS NEWS:

Irisity brings video analytics for the Romanian government

Irisity AB is delivering advanced video analytics protecting... [Read more »](#)

PRODUCT NEWS:

GJD releases Clarius mains powered white-light floodlight

GJD is launching its new range of Clarius mains LED... [Read more »](#)



BUSINESS NEWS:

Mechatronics specialists upgrades access systems

The Slovenian company Iskra Mehanizmi delivers solutions... [Read more »](#)

PRODUCT NEWS:

Vuwall updates plug-in for Xprotect VMS

Vuwall has expanded its software feature set with a... [Read more »](#)



BUSINESS NEWS:

Euralarm looks at the next step for cyber security in alarms

Rapid technological developments and policy developments... [Read more »](#)

PRODUCT NEWS:

Dallmeier launches AI video analytics for maritime applications

Dallmeier is introducing an AI-based video analysis... [Read more »](#)



BUSINESS NEWS:

Tagmaster partners with Bosch on technical integration

Tagmaster has entered into a collaboration with the... [Read more »](#)

BUSINESS NEWS:

Europe leads the way in global traffic management market

A new report published by Marketsandmarkets state that... [Read more »](#)

PRODUCT NEWS:

Collaboration results in smart outdoor latching solution

Collaboration between Iloq Oy and Dirak GmbH has resulted... [Read more »](#)



Image courtesy of Dirak via Iloq

BUSINESS NEWS:

Sailing club saves time with energy harvesting locks

When the Näsijärvi Sailing Club in Finland sought a... [Read more »](#)



BUSINESS NEWS:

75% of firms set to consolidate security vendors in 2022

A recent survey by Gartner, Inc. found that 75% of... [Read more »](#)

BUSINESS NEWS:

Hochiki technology selected to protect prestigious winery



Hochiki Italia products were recently chosen for use... [Read more »](#)

PRODUCT NEWS:

Azena makes its debut in Essen

This week, Azena is attending Security Essen for the... [Read more »](#)

BUSINESS NEWS:

Smart building cyber security market to double by 2027

According to research company Memoori, cyber security... [Read more »](#)



Chart courtesy of Memoori Research

PRODUCT NEWS:

Optex launches new indoor Flip X detectors in EMEA

Installers and end-users in Europe, Middle East and... [Read more »](#)

BUSINESS NEWS:

Assa Abloy to fight US Department of Justice on HHI acquisition

The U.S. Department of Justice (DOJ) has announced... [Read more »](#)

