IMA InfoDay 2019

18. 9. 2019 IMA InfoDay Praha

Welcome to the IMA event

Novelties – Skills - Examples

Goal of the event

- To bring novelties & attract by examples,
- To disseminate recent R&D based technologies and
- To deploy presented skills, knowledge and information to increase the competitiveness of IMA so as all the participants of the meeting.

How we will proceed …

Technology – Art – Workshops – Networking

Technology

- IMA related news (solutions & automotive R&D)
- Collaborative competence ecosystem and
- Selected attractive outcomes from R&D projects

Art

- NGP guided tours ..

Workshops / Living labs / F2F networking

- Demonstrators for adults / Children art workshop
- Sufficient networking space

Logistics…

Layout - Schedule

Event layout

Schedule 13:00 – 18:00

13:00 Check in, welcome coffee

14:00 Principal session 1 – IMA related news

15:00 Principal session 2 - Expert‘s ecosystem

16:00 Parallel events:
R&D projects outcomes - guided tours – networking - living labs

18:00 Closing of the event -> free access to the Gallery

Ongoing refreshment

Principal session 1

IMA news

IMA related news

- Jiří Bárta et al:
  IMA core businesses
- T. Trpišovský:
  Automotive related WICC
- Jiří Havlík:
  Selected examples

Principal session 2

Technology novelties

Expert‘s ecosystem

- Erel Rosenberg:
  From the Internet of the Things (IoT) to Internet of the People (IoP)

- Miroslav Husák:
  Quo vadis Electronics?

- Aleš Richter:
  Elektromobilita a kardiostimulátory. Je potřeba se bát?
  Electromobility and pacemakers. Need to be afraid?

- Jaroslav Kadlec:
  Na vlně funkční bezpečnosti
  On the wave of functional safety

Parallel activities

R&D - Art – Networking - Living labs

R&D projects outcomes

- Slideware – Samples - Leaflets

Networking

- F2F

Art

- Guided tours CZ/EN
- Children Workshop(s)

Living labs (on tables)

- UTIA
- SILENSE
- ASTONISH
- Eurostars SACON
- 2K
- IMA

News and Innovations

New Clients

- JSB Bijoux s.r.o. Jablonec nad Nisou
  IMAcheck attendance system with the worked hours computation capabilities.

- Masaryk Hospital in Rakovník
  IMAporter-Pro - sophisticated ID system, linked with car entry and car park modules. The client is PRIVAMED company.

New Clients

- ALS s.r.o. – laboratories, 12 locations in the Czech Republic; over 45 points of access.
  IMAporter-Pro ID system

- Tipsport a.s. – 6 locations in CZ, access control and attendance system; over 250 points of access.
  IMAporter-Pro ID system

New Clients

- KILLICH Liberec
  Just-in-time supply control system IMAcheck - Kanban

- METSO
  IMAporter-Pro expansion – remote identifier management system designed for concern employees

New Clients

- Mennica Legacy Tower – newly built skyscraper (130m) in Warsaw
  Over 800 MobileAccess readers, including those built inside of OTIS lift-control pannels.

- EKOFRUKT Slaný – IMAcheck record-keeping and attendance system designed for farms and production.

New Clients

- IDEAL AUTOMOTIVE Bor, s.r.o. – IMAcheck system version designed for card checking and keeping records of contractual bus transport.

- IMAporter Basic ACS expansion (new project in Sweden, projects in Prague and surrounding areas)

System Expansions

- ČVUT
  IMAporter-Pro expansion
  5yr service contract

- ČZU
  IMAporter-Pro expansion
  student dormitories

- Český Krumlov Hospital
  10 buildings
  93 points of access
  CCTV system integration

System Expansions

- TRELLEBORG - MITAS
  IMAporter-Pro expansion
  2 new buildings

- …and ŠKODA AUTO, ČEZ…

MobileAccess

IMAporter MobileAccess

Smart key that lets you in

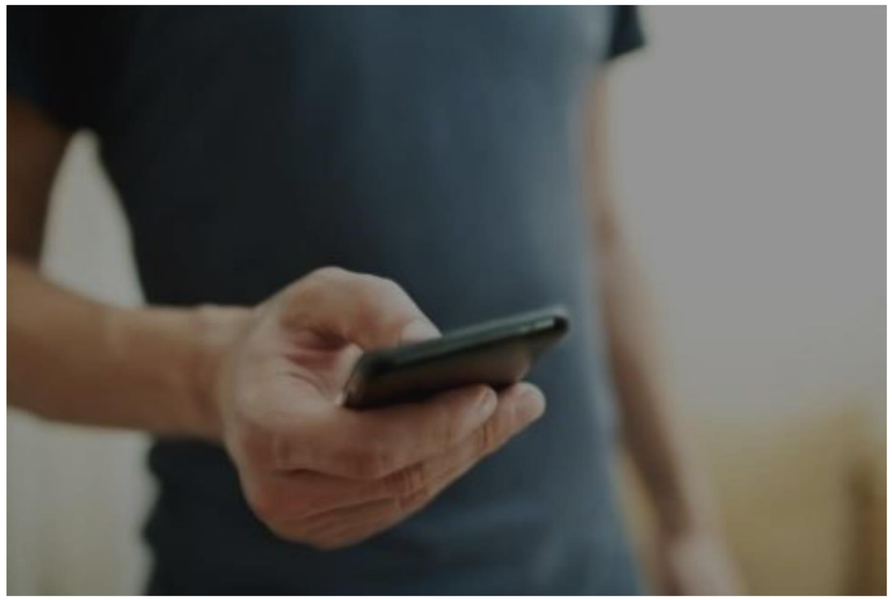
- Access various objects and doors using just one device
- Secure, fast, easy & comfortable identification
- Remote mobile key distribution over-the-air

mBank · T-Mobile · Teleplan · O2 · Belgrade Nikola Tesla Airport · ENGEL · PENNY MARKET

ima

Features and Technologies

Smart and secure on a physical as well as technological level



- Multiple technologies and platforms
  - RFID, NFC, Bluetooth, LEGIC
  - Android, iOS
- Central management
  - Web-based IDcloud Admin
  - Directly from IMAporter SW and K4 Manager
- Settings and features
  - Adjustable reader identification distance, technologies and functions
  - Remote mobile key activation and revoking
  - Time-limited access and real-time key status
  - Robust encryption

Designed for Integrators

Flexible solution with multi-level integration

- Universal MobileAccess reader
  - Multiple communication protocols
  - Unlimited configuration options
- IMAporter Mobile Key user app
  - SDKs for integration (Android and iOS)
- ID Management server
  - Remote access over API

RSW.05 reader

cingular
9:41 AM
SMS
Text
Tuesday
9
Calendar
Photos
Camera
Calculator
Stocks
280
Maps
73°
Weather
Notes
Clock
Settings
Phone
Mail
Web
iPod

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Next generation Reader

Introducing new multi-purpose reader RSW.05

- Universal and secure
  - Identification: MIFARE, DESFire, LEGIC, NFC, Bluetooth
  - Communication: OSDP, RS232, Wiegand, USB

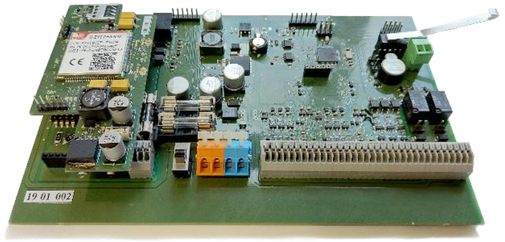
- Top design
  - Tailor-made covers in modern design
  - Classical materials (plastic or rather wood, concrete…?)

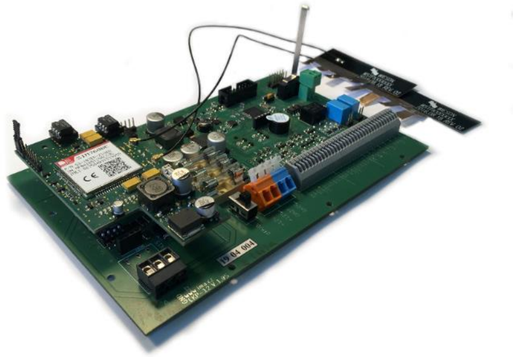
- Smart
  - Flexible configuration via mobile phone
  - Embedded MobileAccess

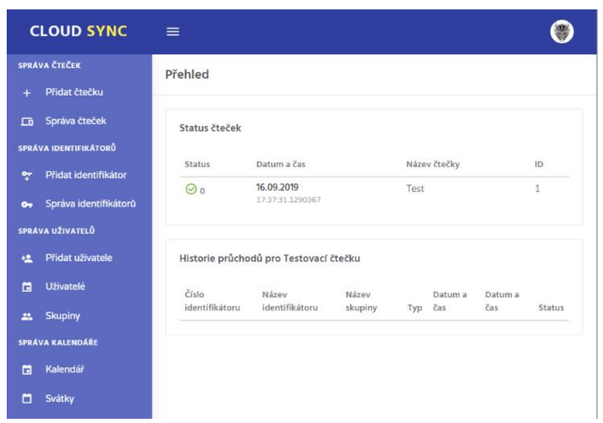
Access Control

Access Control Innovations

We’re relentlessly moving forward







- IMAporter Basic
  - New enhanced HW platform (more memory, security, easier installation…)
  - Online connectivity via LTE
- IMAporter Advanced
  - Introducing new member of the IMAporter family
  - Simple as Basic - Versatile as Pro - Compatible with both
  - Designed for mid-size clients
- IMAporter IDcloud
  - Real cloud-based access rights management
  - Compatible with IMAporter Basic and Advanced

IMA Innovations Incubator

What products are we currently working on?

- IMAporter Flex
  - 4th member of the IMAporter ACS family
  - Joining forces with CES, Germany
  - Proven and robust mecha(tro)nics since 1840
  - Multiple HW variants that are easy to install
- What does it entail?
  - Fully integrated with other IMAporter systems
  - Support for Mobile Keys (Bluetooth / NFC)
  - Instant and highly secure access rights management
  - Long battery life with optional energy harvesting
- Market introduction
  - Estimated Q4/2020

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