#### ICT WORKSHOP IN ISTANBUL 5-6 April 2022

THE EFFECTS OF THE COVID-19 EPIDEMIC in THE HUNGARIAN PRISONS

NOEMI BORY DR

## Mobile phone system for prisoners

- Specific security and privacy requirements
- Possibility of checking calls
- Launch: August 2015
- Replacement devices



# Inmate community wall phone system

- Launch July 2018
- 115 community systems, 135 telephones
- Elements of the community wall phone system:
  - Barcode reader terminal
  - Wall-mounted telephone set



# Security upgrade phase 2



- 2 850 IP cameras
- 2 chassis scanners
- 124 32-channel network recorders
- 620 4TB hard disk drives
- 32 000 meters armoured optical cable
- 400 000 meters Cat.5 UTP cable
- 1 500 locking communication devices
- 350 SAFE phones
- 200 EDR radios
- 20 document readers

#### BIP1 (SUP1) 11 prison, 7.7 M EUR BIP2 (SUP2) 18 prison, 8.5 M EUR

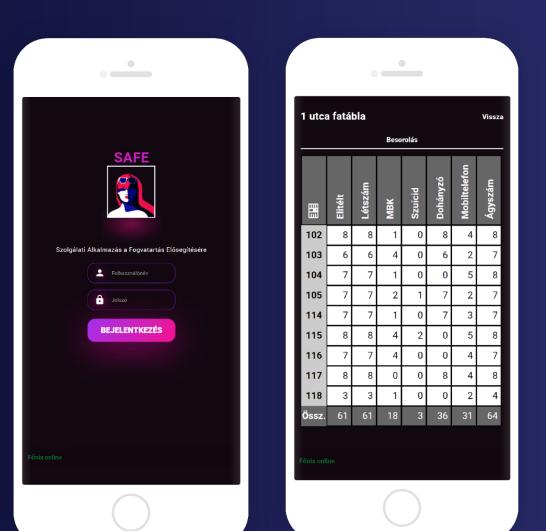
# **IT DEVELOPMENT**

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#### Főnix 2020 software

- Solutions to support exploration activities (ODIN)
- Mobile production support system (ETTR)
- Development of electronic logbooks (E-NAPLÓ)
- Renewal of the basic registration system (FŐNIX3)
- Criminal Records Management module (BNYM)
- Predictive Measuring Equipment module (PME)Enhancement of the Phoenix Health System

### **SAFE MOBILE APPLICATION**



#### ETTR MOBILE APPLICATION **Transporting Support System**



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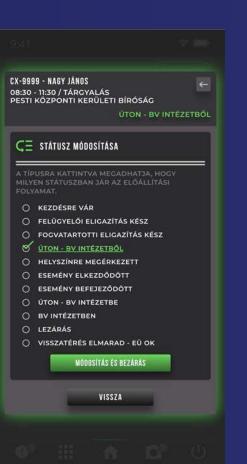
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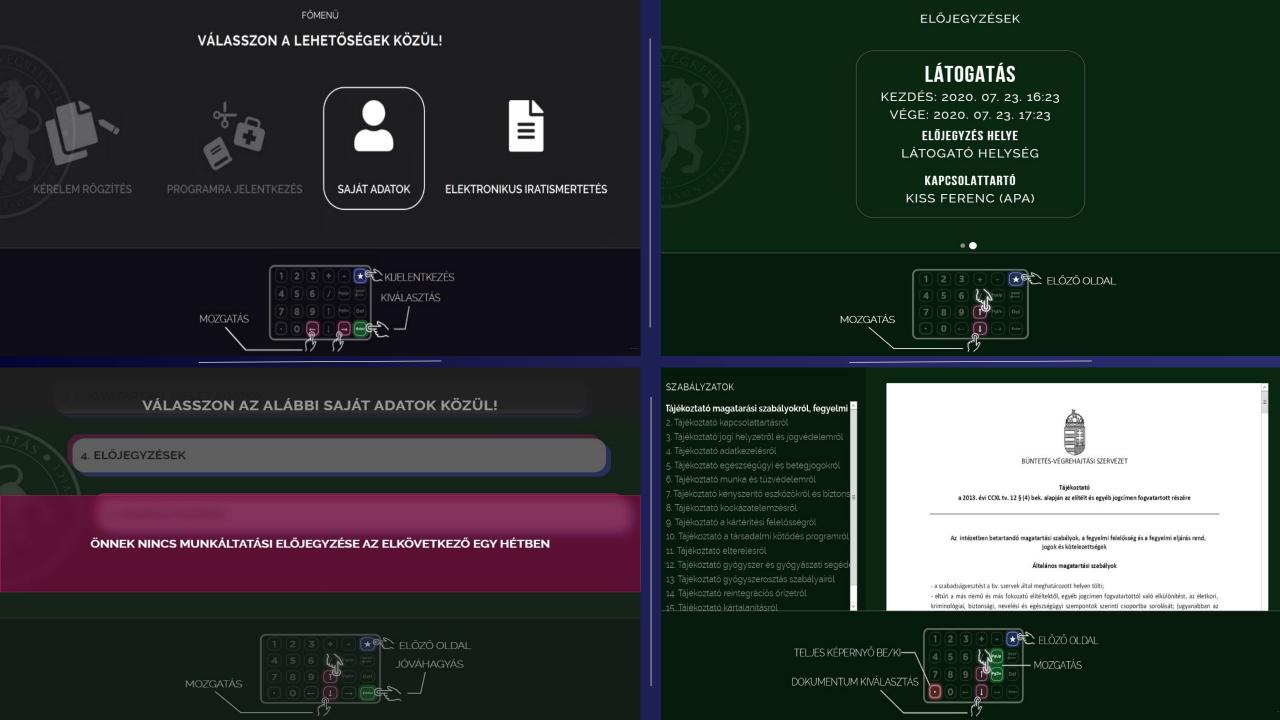
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## **KIOSZK devices** 300 prisoner information point





## **Electronic remote monitoring system**



#### Use of electronic devices

- One-Piece GPS (4. generation)
  - Reintegrational custody
- Two-Piece GPS (4. generation)
  - Employment inside the prison
  - Employment outside of the prison perimeters

#### **One-Piece GPS**



- Can be strapped on ankles
- Personal tracker making daily routine movements possible
- Mobil SIM communication
- Precise location
- Considering health, it is safe
- Impact resistant, waterproof
- Reuse is cost-effective
- Removal is difficult, detecting sabotage is secured with optical sensor

#### Two-Piece GPS



- Can be strapped on both ankles and wrists
- Combined personal tracker making daily routine movements possible
- Mobil SIM communication
- Precise location
- Considering health, it is safe
- Reuse is cost-effective
- Removal is difficult, detecting sabotage is secured with optical sensor

# Projects

## •Infrastructure development

- Servers: 140
- Storage: 40
- Workstations: 5500
- Active network devices: 645
- Software licenses
- Central firewall system replacement
- Backup and archive system upgrade

### • printer development

• 400 high-performance multifunction devices

# •GSM coverage expansion in prisons

## **Other developments**



- Development of a Health Mobile App
- Digital communication of court requests
- Digital verification of social insurance number
- Management of prisoners' diets

# THANK YOU FOR YOUR ATTENTION!

