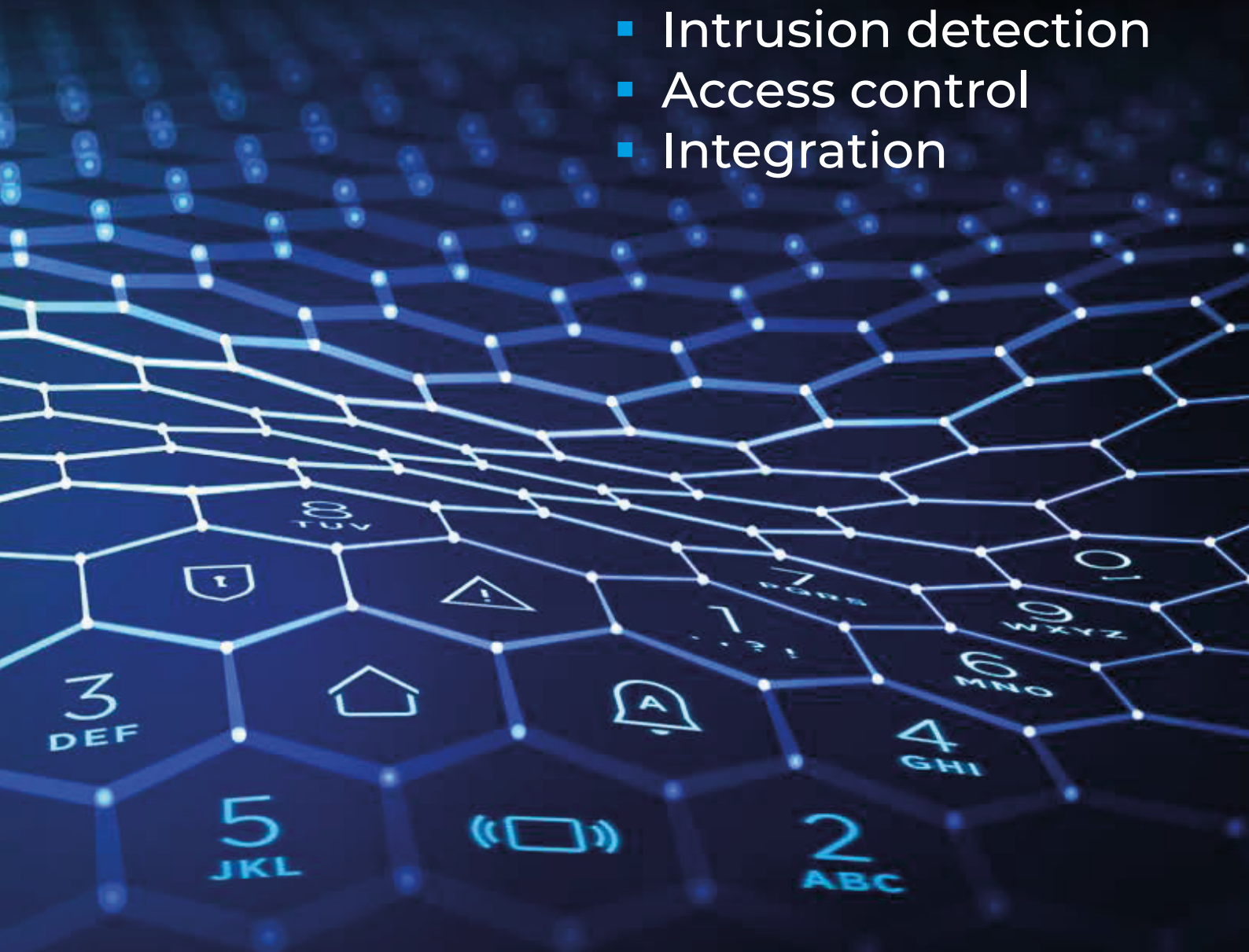# DOMINUS·3

integrated security solution

- Intrusion detection
- Access control
- Integration

Integrated
Security Solution

Dominus3 is an integrated solution which brings together the functions of an Intrusion Alarm System (IAS) and Access Control System (ACS).
Dominus3 interconnects the main security platforms with smart building technology management and integration extensions.

Why Dominus3?

▪ **Size without compromise**
  Dominus3 is, in its essence, designed as a modular solution. No matter what you aim to secure – be it a residential building, bank or an international airport – it will always adjust to your needs. Dominus3 grows with your requirements.

▪ **Simplicity of installation**
  Dominus3 can handle thousands of address modules. One would expect that this scope comes with complex installation and maintenance requirements, but this is not the case. Intuitive connection, automatic topology recognition, pre-defined module properties and remote control will save you precious time.

▪ **Security at the highest level**
  Dominus3 provides encrypted bus communication, thus increasing the security of the entire solution to the highest level possible. This high-tech solution is not intended solely for military facilities, prisons and banks.
  Its flexibility makes Dominus3 ideal for securing any commercial premises.

▪ **Design is important**
  The keypad is usually located at the entrance door to the building where it is readily visible to all visitors. With modern building technologies, the design needs to be both functional and tasteful. That is why our keypad is not only functional but also offers a timeless look, either in black or white.

Certification

Dominus3 is approved by an accredited testing body and certified as I & HAS according to CSN EN 50131 and in accordance with the requirements of the National Security Authority up to grade 4 – high risk. With such accreditation and certificates, the Dominus3 system can be used in buildings with the strictest demands on the level of security.
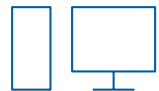
USER MANAGEMENT

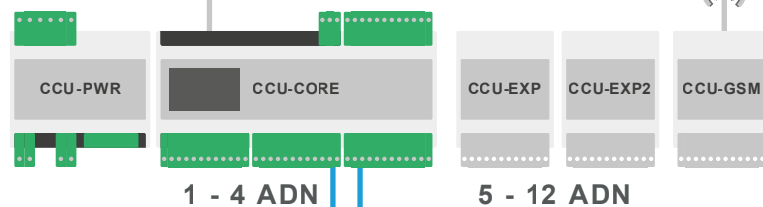LAN/WAN

API

INTEGRATION SOFTWARE

SBI C4

CENTRAL CONTROL UNIT

CCU-PWR | CCU-CORE | CCU-EXP | CCU-EXP2 | CCU-GSM

1 - 4 ADN   **5 - 12 ADN**

ADN BUS 1   UP TO 240 MODULES

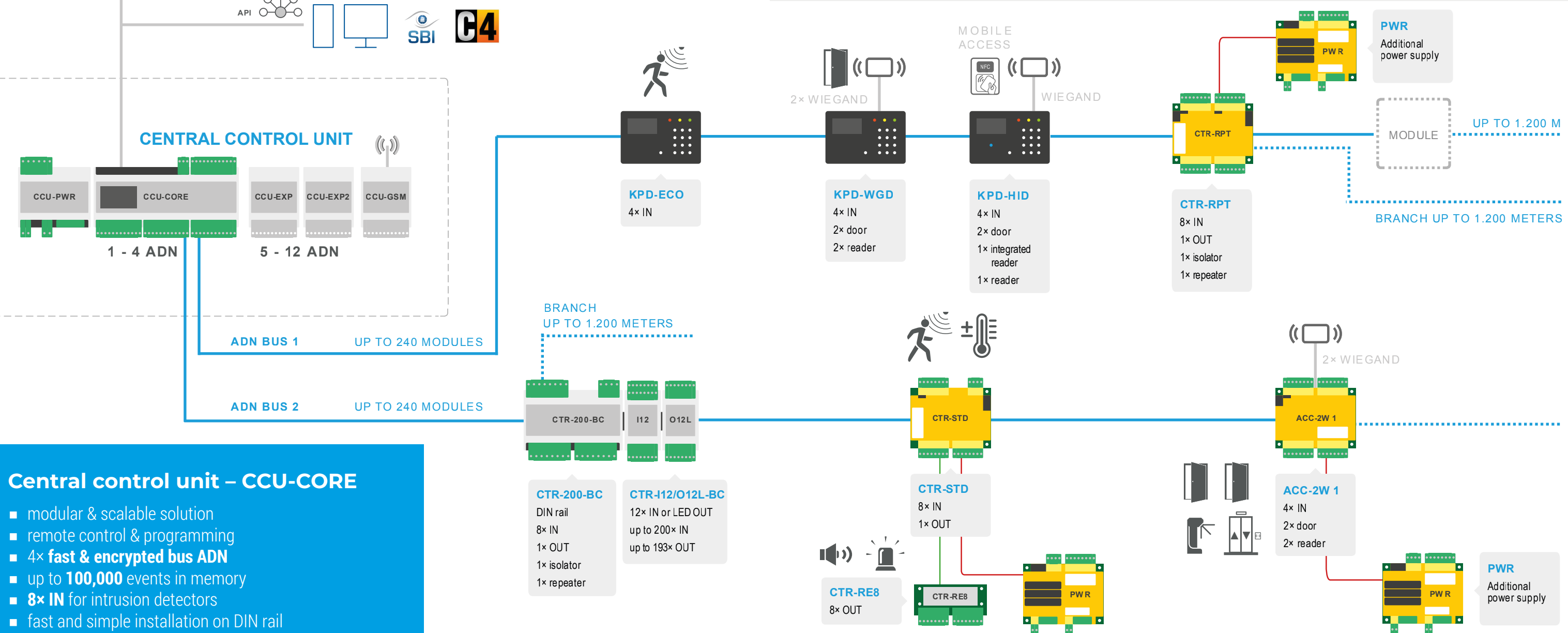**ADN BUS 2**   UP TO 240 MODULES

BRANCH
UP TO 1.200 METERS

Keypad KPD

- models: ECO, WGD, HID
- modern design in black or white color
- 7" graphical display with touch control
- integrated **multiplatform HID reader:**
  EM 125 kHz, Mifare 13.56 MHz, NFC Mobile Access
- control one door bi-directionally or two doors mono-directionally (**2× relay 1 A / 30 V**)
- 2× OUT (**2× OC 0.14 A / 30 V**)
- **4× IN** for intrusion detectors
- **2× Wiegand IN** for card readers, biometric sensors and other third-party devices
- LED indication of states

Additional power supply PWR

- 5 A or 10 A / 14–18 V
- battery charging current **0–2 A / 0–3 A**
- battery capacity setting **4–255 Ah**
- easy system connection
- LED indication of states

MOBILE ACCESS

2× WIEGAND   WIEGAND

PWR
Additional power supply

KPD-ECO
4× IN

KPD-WGD
4× IN
2× door
2× reader

KPD-HID
4× IN
2× door
1× integrated reader
1× reader

CTR-RPT
8× IN
1× OUT
1× isolator
1× repeater

UP TO 1.200 M

MODULE

BRANCH UP TO 1.200 METERS

CTR-200-BC | I12 | O12L

CTR-200-BC
DIN rail
8× IN
1× OUT
1× isolator
1× repeater

CTR-I12/O12L-BC
12× IN or LED OUT
up to 200× IN
up to 193× OUT

CTR-STD
8× IN
1× OUT

CTR-RE8
8× OUT

CTR-RE8   PWR

2× WIEGAND

ACC-2W 1
4× IN
2× door
2× reader

PWR
Additional power supply

Central control unit – CCU-CORE

- modular & scalable solution
- remote control & programming
- 4× **fast & encrypted bus ADN**
- up to **100,000** events in memory
- **8× IN** for intrusion detectors
- fast and simple installation on DIN rail
- split mounting box for easy installation
- overvoltage protection

unlimited
areas

>50,000
users

10,000
detectors

2,000
doors

240
modules/bus

12
bus

Concentrator CTR-200

- **modular** input/output module
- DIN rail installation
- **8× IN** for intrusion detectors + **1× tamper** input
- **1× OUT** (1x relay 1 A / 30 V)
- up to **200× IN** (16x I12-BC)
- up to **193× LED OUT** (16x O12LC-BC)
- isolator and repeater

Concentrator CTR

- **8× IN** for intrusion detectors + **1× tamper** input
- **1× analogue IN + 1× analogue OUT (0–10 V)**
- one-wire interface for instrumentation and control sensors
- LED indication of states
- bus ADN extension up to **1,200 meters** (CTR-RPT)

Extension CTR-RE8

- 8× OUT (**8× relay 2 A / 30 V**)

Door module ACC

- **2× Wiegand IN** for card readers, biometric sensors and other third-party devices
- off-line memory for **50,000 users**
- control one door bi-directionally or two doors mono-directionally (**2× relay 1 A / 30 V**)
- bi-directional turnstile control
- 6× OUT (**6× OC 0.14 A / 30 V**)
- **4× IN** for intrusion detectors
- LED indication of states

Safety with tradition

For more than 25 years, Dominus systems have been securing premises with the highest demands on safety. They are used to secure buildings utilised by public institutions, banks and prisons all over the Czech Republic and Slovakia.

Dominus3 integrates long-term findings obtained through development and transforms them into its key properties – modern design, ergonomics and ease of installation.

It provides maximum security to solutions of any size – be it a single room or the entire premises.

Thanks to its modularity, Dominus3 can be used in a number of different types of buildings:

Transport and power sector

- Transport
- Power industry

Industry and manufacturing

- Industry
- Manufacturing

Leisure

- Cultural monuments and museums
- Sport
- Guest houses and hotels

Residential

- Residences

Commercial

- Administration
- Banking
- Commercial premises

State sector

- Education
- Healthcare
- Prison service
- Armed and police forces

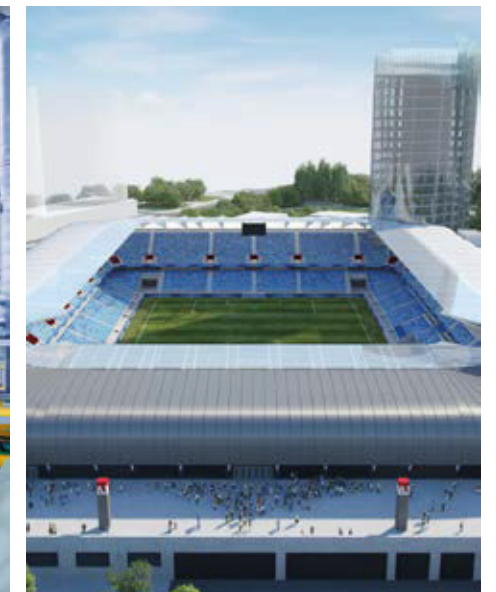# Configuration software

The SetDom3 software is a tool for configuration, status monitoring and servicing of the system. The individual setting options are facilitated by the tree of devices and the tree of areas and templates for the individual software features. The software also manages the user database and history.

SetDom3 CONFIG – configuration software license for Dominus3 IAS & ACS
SetDom3 ACCESS – configuration software license for Dominus3 ACS

- Scan the system topology by means of unique hardware identification numbers (HW-ID)
- Drag and Drop motion for system structure creation
- View and manage the events history in the Dominus3 system
- Virtual keypad for remote control of the Dominus3 system
- Manage users account, access rights and the level of authorization to use the system's features

License policy

	LITE	STANDARD	PRO	Extension	Max. extent
Number of lines	4	4 to 12	4 to 12	additional HW	12
Modules per line	40 [1]	40 [1]	40 [1]	additional license	240
Zones (address inputs)	100	500	1,000	license 10, 50, 100	10,000
Doors	10	50	100	license 1, 5, 10	2,000
Subsystems	unlimited	unlimited	unlimited	–	unlimited
Users	100	500	1,000	license 100, 500, 1,000	50,000 [2]
Event memory	unlimited	unlimited	unlimited	–	unlimited

[1] The number of modules per line is limited by SW due to design optimization and load distribution. If required, it can be unlocked with the license key.

[2] The number of users is given by the capacity of memory for the off-line mode. This can be increased if required.

Contact

Abbas Inc.
5th Edison street, 612 00 Brno
Czech Republic

- tel: +420 541 240 956
- fax: +420 541 240 955
- mobile: +420 602 777 999

www.dominus.cz   d3@abbas.cz

abbas