

A man with short blonde hair, wearing a red V-neck t-shirt and dark blue jeans, is looking down at a digital kiosk. He is holding a small object, possibly a ticket or a card, near the kiosk's screen. The kiosk is a tall, silver, rectangular machine with a large touchscreen display. The screen shows a graphic of a smartphone with a ticket on it, and text that reads "LOOKING FOR SUMMER? SOON AVAILABLE HERE!". Below the screen, there is a slot for a card or ticket. The background is a blurred stadium setting with a metal fence and some structural elements.

# STADIA & ARENAS

 ENGLISH

**AXESS**





**Hello!**  
**We are**  
**Axess.**



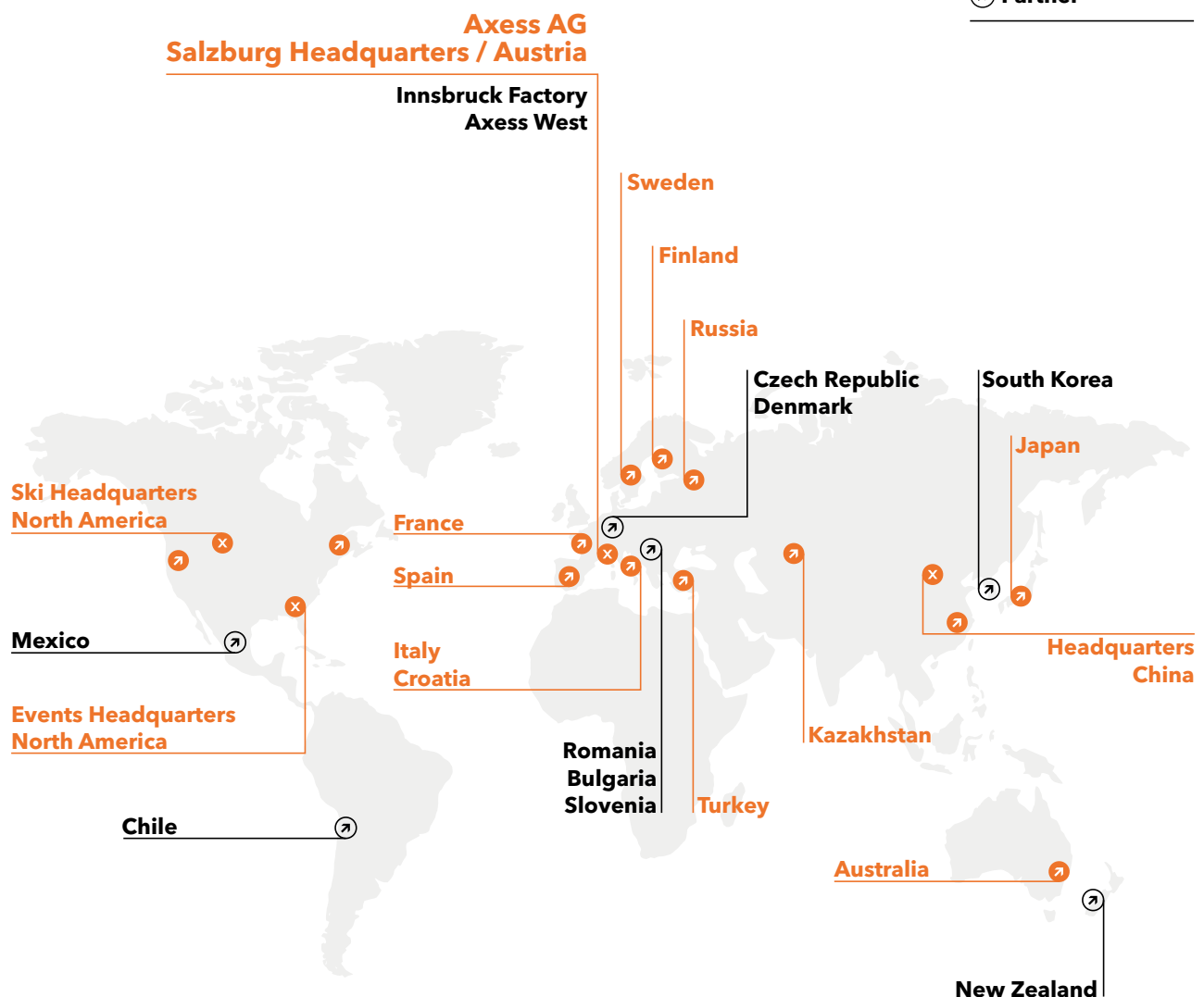
# Axess AG

## Thriving technology for enhanced guest experience

Axess is a leading international company that provides access control solutions for stadia, arenas and venues. New intelligent technologies which control venue entry and the flow of visitors are the focus. By offering contactless access control to venue operators Axess systems are ready for the new lifestyle that is defined by social distancing and touchless applications. Axess systems have been installed at

several Olympic Games, FIFA, UEFA and WORLD CUP events as well as more than 70 stadia and arenas. Axess Headquarters are in Anif/Salzburg (Austria) where the departments of sales, marketing, finance and hard- and software development are located. At the Axess factory in Innsbruck (Tyrol) all innovative hardware products as well as the Axess Smart Cards and tickets for the various business fields

are produced. The company values are based on genuine partnership with customers and on the individuality of the systems and products. This has served very well laying the foundation for the business success Axess has achieved worldwide. More than 300 employees are working every day for customers in over 53 countries. Axess AG was founded 1998 and is operating with 20 worldwide subsidiaries.



# Axess SMART POST 600

## Pass the entrance elegantly without barrier

Want an inviting entrance without barriers? Then the Axess **SMART POST 600** with its customized options is the right choice. No matter if special guests want to have a wide and inviting entrance or to use ADA commodity. Without a barrier it is easy to

achieve your goals. The Axess **SMART SCANNER 600** reads the ticket (barcode, QR, NFC, RFID) within seconds and signals visually with red and green lights if the ticket is valid. This allows attendants to be even more customer focused. Equipped with the battery

pack and WIFI it can be placed wherever wanted. Within minutes it is possible to change locations by just pulling the Mobile Pallet into place. It operates up to 10 hours and works within the WIFI range.

Light signalization  
360°



### In short

- › Equipped with Axess **SMART SCANNER 600**
- › Floor mounted or mobile
- › Battery and WIFI version available
- › 360° light signalization on top

WIFI



# Axess SMART SCANNER 600 NFC

## Contactless ticket control

The Axess **SMART SCANNER 600** is developed for fast contactless scanning of barcodes, QR codes, RFID and NFC media. That way guests with a valid ticket can enter a venue in seconds. The scanner reads the code, verifies the ticket and triggers the motor of the turnstile to open. The guest walks through the gate without touching anything. Sensors realize that a per-

son is approaching and after walking through they trigger the turnstile to close the gate. This whole process is done within seconds. The bright display gives visitors information about the validity of their ticket and offers space for advertising in either a video format or static images. Even if the system loses connection the hardware is operating in offline status with all func-

tions. Proven security and reliability ensure that "best in class" components have been thoroughly tested across different environments. The **SMART SCANNER 600** is optionally available with a housing for wall mounting or can be integrated into third-party systems.

### In short

- › Contactless reading of QR-Codes, NFC & RFID, 1 D/2D & Rolling Barcode tickets
- › 7" Display: Information of visitors by text and graphics. Advertisements and individual messaging
- › Acoustic sounds and audio messages
- › Contactless walk-through access
- › Modular concept
- › In/Out sensor



# Axess T&M - Temperature & Mask Module

**Access only possible with face mask and normal temperature**

Extraordinary situations require extraordinary measures. With the new **AX500 Smart Gate NG T&M** (Temperature & Mask), Axess provides a new solution for health protection. A sensor measures body temperature and a camera detects whether a mouth-nose mask is worn. Only

then the gate will open. Guests enter without having to touch the turnstile or other components of the gate. If a person has high temperature or is not wearing a mask, access will be refused, even if the ticket has already been paid for. This function is important for crowded places such as stadiums,

venues and arenas and allows organizers and operators to open their doors again within the new legal conditions. The new module can be easily integrated into all product lines. This guarantees that only healthy people have access to the respective facility.



**Mask recognition and  
body-temperature scan**

## In short

- › Health check
- › Built-in fever and mask check
- › Non-contact access through the gate
- › Assembly of single gates or in rows next to each other
- › Optional: panic function for escape routes

# Axess SMART DOOR 600

## Enter the suite or VIP area easily

Special guests need special treatment. The brand new Axess **SMART DOOR 600** comes in a modern design with a large screen to display welcome client messages or sponsorship messages. Tickets with QR code are presented

to the scanner and verified with the database. After a positive check the lock opens. RFID or NFC tickets are read from the distance. External door locks are opened via I/O contacts.

### In short

- › Equipped with Axess **SMART SCANNER 600**
- › Operates on power over ethernet
- › Wall mounted



# Axess SMART GATES

## A flexible access system with customized options

The **AX500 Smart Gate NG** is built to master all venue challenges at the entrance. With the modularity of the design it is the perfect solution to fit individual demands and enables future add-ons to serve upcoming challenges. It comes in fixed power and

data to mobile versions equipped with lithium batteries and 5Ghz embedded WIFI cards. Axess adapts to the environment, enables flexibility at a high level and improves customer experience at the venue.

### In short

- › Equipped with Axess **SMART SCANNER 600**
- › Modular design
- › 360° light signal
- › Floor mounted or mobile
- › Lithium battery with up to 10 hours of operation
- › WIFI module





# SMART ACCESS POINTS

## Turnstile

The turnstile is robust and weather-proof. It offers a state-of-the-art design for both indoor and outdoor access points. The sensor detects an approaching person and triggers the motor to move the arm of the turnstile. The guest passes without touching

anything. The two-arm design prevents users from being squeezed in. Arms rotate in both directions to allow entry and exit at one gate. Equipped with the Panic Mechanic module the arms drop automatically in case of an emergency to clear the way.

### In short

- › Contactless walking through
- › Customized opening and closing speeds
- › Entry and exit at one gate
- › Emergency operation

#### Turnstile Standard



#### Turnstile Panic Mechanic



#### Turnstile Panic Asymmetric



#### Turnstile ADA



#### Turnstile Panic Mechanic emergency position



## Flap Standard, Flap Paddle and Flap Glass

Short opening and closing times that can be set as required. Intelligent sensors enable recognition between people and objects such as bags. The

system is also available in an extrawide version (ADA) for handicapped access. The Flap Paddle offers particular security by avoiding to pass under the Flap.

#### Flap Standard



#### Flap Standard ADA



#### Flap Glass



#### Flap Paddle



#### Flap Paddle ADA



# AX500 Smart Access Terminal NG

## The space-saving access system

The **AX500 Smart Access Terminal NG** is an enhanced access solution especially designed for stadia and arenas. The system can be equipped with a turnstile on one or both sides, thus facilitating two points of access at one

single gate. Turnstile speed is individually adjustable and both entries and exits are possible. The **AX500 Smart Access Terminal NG** is operating in either online or offline mode. A wider two lane version is also available.

### In short

- › Entry and exit on one gate
- › 2-arm turnstile making it easier to pass through
- › Emergency mode
- › Optional: ADA model for barrier-free access



#### Axess SMART SCANNER 600

Validation of tickets for entrance and exit

#### Optional extras

Panic mechanism or ADA entrance

# AX500 Smart Security Gate

## The security expert among access control gates

The **AX500 Smart Security Gate** has been designed for critical areas and unsupervised access in mind – a solution which is equally suited for access to stadia and arenas. A robust

vandal-proof design fulfils the highest safety standards, whilst also maximizing the flow rate. Optical and acoustic signals enhance guest security further on. The **AX500 Smart Security Gate** is

also well equipped for outdoor operation thanks to its weatherproof aluminum construction. It is available in single and double access versions and permits both entry and exit.

### In short

- › Security in unsecure circumstances
- › Hooligan proof
- › Robust weatherproof aluminum construction
- › Protection against vandalism
- › Designed to achieve a high flow rate
- › Each lane for entry or exit





# Axess HANDHELDS

## The mobile access control for every area

The various models of Axess **HANDHELDS** are weatherproof and durable devices. Their high-quality touch-screen allows visibility in daylight, making them reliable for outdoor use. An intuitive operating system makes the use easy and without much training. Automatic updates can be directly

downloaded and installed on the device via WIFI. The Axess **HANDHELDS** are also lightweight and can be easily carried around throughout a whole working day. The devices work with both WIFI and LTE and can also be operated as a barcode ticket scanner or RFID ticket reader.

### In short

- › Intuitive operation
- › No extensive training
- › Robust weatherproof design
- › Touch screen visibility in daylight
- › Automatic updates via WIFI



# Axess PARKING

## Integrated parking management

### Car Axess NG ENTRY

Entry procedures for parking lots or multilevel parking decks need to be fast. The Car Axess **NG GATE** issues tickets at an impressive speed and has an opening time of only 1.3 seconds. 2,500 barcode tickets can be printed out from a single roll, meaning there is no need to keep refilling the paper supply for a long time. The system uses the Axess **CONTROLLER 600**

to process customers with Smart Cards. Credit card holders can enter with the card and will be billed upon exit to their account. License plate recognition for frequent visitors is a standard and allows to enter without any further action required. The boom also features an automatic brake to guarantee security for the cars.

### In short

- › Prints 2,500 tickets per roll
- › Reading and checking of RFID Smart Cards
- › Brake optimized boom
- › Indoor and outdoor use
- › Optional: license plate recognition and credit card function
- › Offline and online mode
- › Call button and intercom

### Car Axess NG EXIT

Car Axess **NG Exit** ensures that tickets are processed quickly when vehicles leave the car park. The integrated Axess **SMART SCANNER 600** module reads and checks barcode tickets or the RFID chip cards used by frequent customers. License plate recognition

users leave without any further action. A color display and an optional call button with intercom system provide a high level of user friendliness. Credit card holders' vehicles exit without a ticket. Billing then takes place via the registered credit card.



#### Ticket column

Car entrance including advertising / information display



#### Parking barrier

Configurable opening and closing times  
Booms in various designs  
Vehicle protection mode



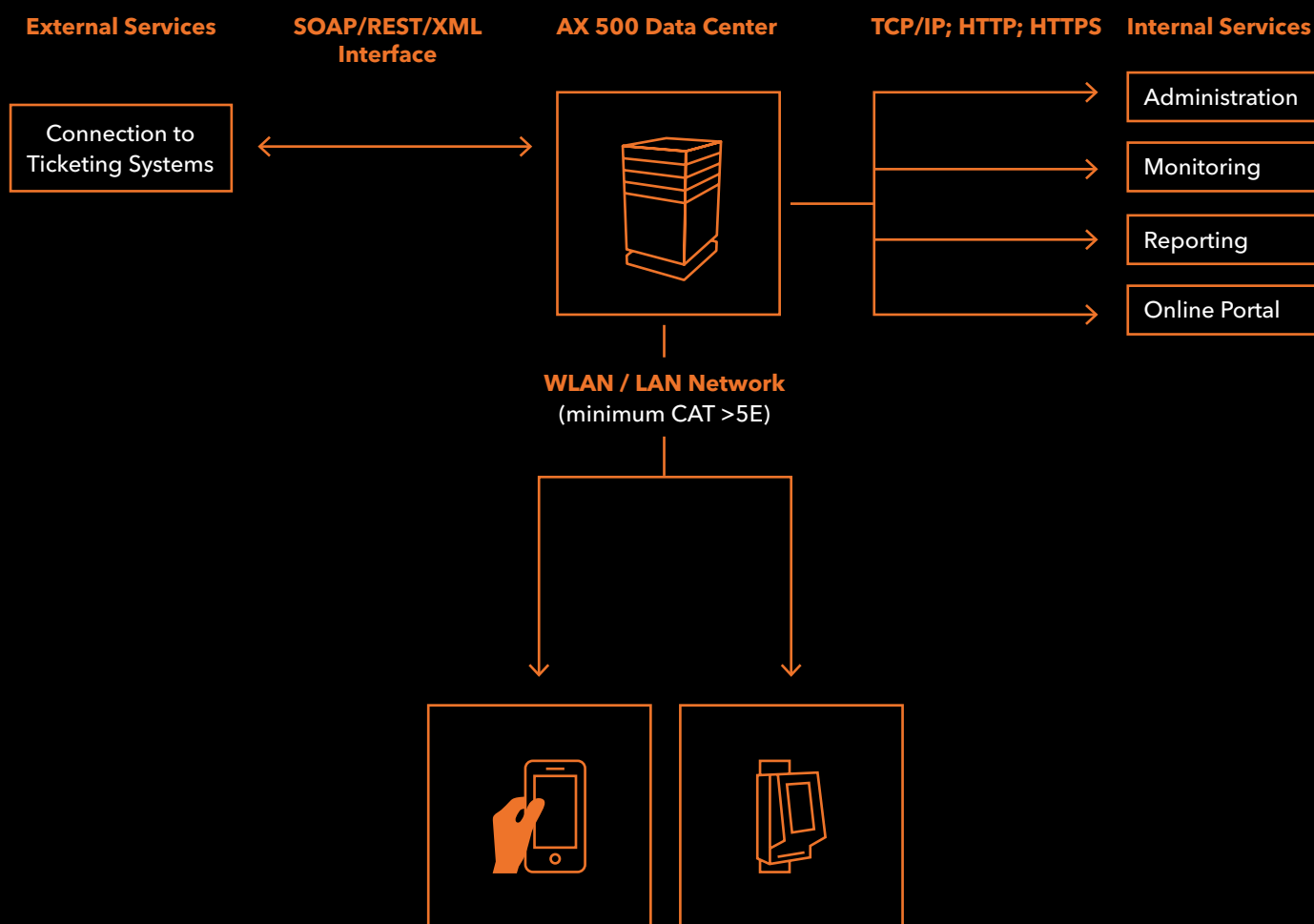
# Always Up-to-Date

## How our systems communicate

The Axess system is based on a local installed **AX500 Datacenter** (MS Windows Server) with an Oracle database in the background. All front ends are directly connected to the **AX500 Datacenter** via LAN with no additional hop or PC. This reduces the possibility of errors and improves reliability. All

readers work in offline mode even without a connection to the data center and provide the most important functions even in an emergency. All configuration measures by the operator are made via web interfaces. The user administration can be used to assign specific rights to specific roles

and users of the system. Also the real-time arena monitor is web-based and offers sophisticated reports and statistics. In real-time mode, the actual number of visitors within each arena or sector can be displayed at any time.





# Axess CLICS

## Your best friend on the software side

The dream of a software tool that can be perfectly tailored to all needs is a reality with us. Axess **CLICS** is the solution when an overview and individual requirements for the administration of the stadium or arena are the goal. The settings can easily be changed. Additional users can be created at any time

or reports and overviews can be redesigned. This can be done quickly and is always updated for everyone. **CLICS** is as easy and intuitive to use as a smartphone. And if the standard options are not enough: There are many widgets that the innovative software development team at Axess has released.

### In short

- › Implemented in ASP.net on Microsoft Internet Information Server Platform
- › Browser based software
- › Secure connection via HTTPS
- › Inline documentation & Assistants (Wizards)
- › Self organized log files
- › User management
- › Multiuser-System
- › Individual display design



# CLICS Reporting

Reports can be matched very well to the customer's wishes with own filters, overrides and formatting options, provided with a logo and exported in numerous formats (xlsx, pdf, etc.). Of course, time periods and access locations are not only freely configurable but can also be overwritten on an ad hoc basis and comparison reports can be prepared. The contents of header

and footer already meets the requirements. All configured reports can be saved as a customer report at the click of a mouse and transferred to the scheduler for time-controlled or event-driven sending or filing in the file system. The reports are multilingual, graphics-capable and access is encrypted via **CLICS**.

## In short

- › Setup of user roles and assignment of accounts to user roles
- › Configuration of different sales channels and ticketing providers
- › Event configuration with start and end times, display settings, traffic light signaling etc.
- › Configuration of turnstile groups, sectors - turnstile assignment, WYSIWYG editors
- › Graphic configuration of monitor surfaces
- › User administration with journal function for configuration changes
- › Inline manual, input parameter control, mouse over help functions

# CLICS Configuration



# CLICS

## System-Monitoring

Online monitoring is used to comfortably monitor communication in your access control system. With authorized access data, the user logs into the system independently of location and can immediately check the current status of the connected front-end devices. Various selectable surfaces provide a quick overview of the entire system. Further interfaces show the

detailed status of the access and other important information about the status of the database and the installed system jobs. At-a-glance, intensive colour markers tell you whether the front-end devices are communicating correctly with the **DATACENTER** and warn you with clear signal colours when intervention is required.

### In short

- › Online/Offline Status of the readers
- › Error messages of the devices
- › OS parameter: CPU workload, memory usage, temperature, OS release, system time, software release, etc.
- › HW parameters

# CLICS

## Import

### In short

- › Status of the interface (online/offline)
- › Speed and progress of data transmission
- › Sold tickets: transferred tickets (delta matching)
- › Sales
- › Cancellations
- › Closures
- › Transmission errors
- › Duration of the transmission

# CLICS

## Visitor-Monitoring

### In short

- › Indicator on visitor numbers on different levels of all blocks and sectors
- › Indicator on percentage and numbers of visitors compared with capacity and sold tickets
- › Forecast function
- › Calculates if your visitors will make it to the stadium in time for the kick-off
- › Status messages about relevant events
- › Recognition of double-use attempts of tickets
- › Recognition of violated attempts at the turnstile





# Axess ACCREDITATION

## VIP treatment for journalists and media representatives

The accreditation process for media representatives can now be easily digitized. Journalists have the opportunity to register online via a portal to receive accreditation in advance. Among other things, the press card is also uploaded. On the account of the press representative, you can choose between different games or events and the responsible employees of the organizer (administrators) can approve or reject journalists for the events. The authorization level and the access zones are also assigned here. The journalists receive an email with the print

@ home ticket and a wallet file for their smartphone. With their barcode you go directly to the entrance to the stadium. The AX500 **Smart Gate NG** with integrated Axess **BADGE BOX 600** serves as a control. When they enter, the press representatives receive the accreditations required on the match day in the form of a badge to print out. This is particularly important for the visual control by the security personnel. The organizer can immediately see on his screen whether a journalist has redeemed his wallet's barcode.

### In short

- › Online management of press & media
- › Preregistration for faster entry
- › Various types of accreditation

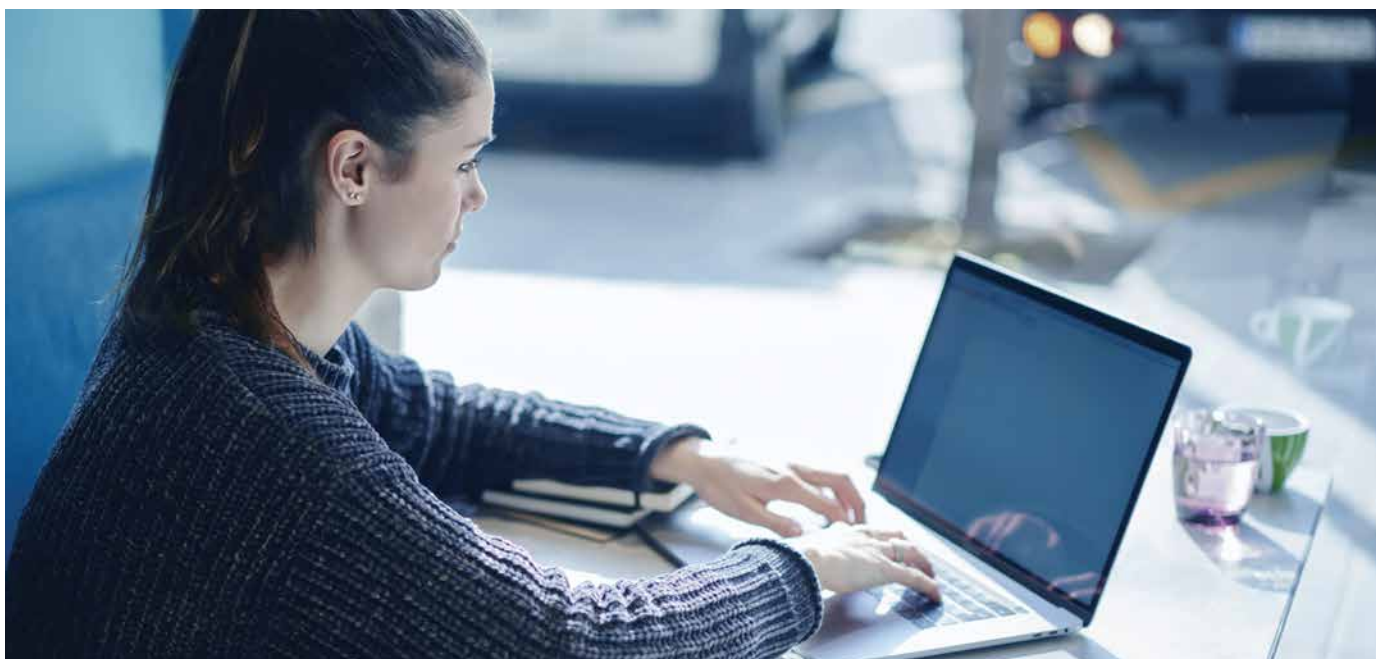
## Knowing who is inside at all times

Service providers who work in a stadium can use the Axess ACCREDITATION WORK software to allow access for a longer period of time. Axess has now developed a digital solution where people still work with pen and paper in many stages and it is not possible to check when someone was present for how long. External companies have to create an

account on the portal to manage their employees and thus create various work orders. These are then in turn approved by the responsible stadium. The solid software from Axess **CLICS** manages these requests. As soon as the employee is approved, access to the gate is possible with the appropriate codes.

### In short

- › Online portal can be designed individually
- › Events freely selectable for journalists, scouts, staff etc.
- › Permanent and individual accreditation



# Axess BADGE BOX 600

## Get your badge at the entrance

The intelligent expansion of the **AX500 Smart Gate NG** makes it possible to print ID cards directly at the gate of the event. At the gate itself, the registered guests scan their tickets from the wallet, a smartphone or the print@home ticket. They will then receive the badge and can go through the gate. Printing takes only seconds and access is granted instantly. The printed badge contains all relevant information about

the registered visitors. The tickets can also be used for visual controls. Professionals who come to work visits e.g. Photographers, journalists, etc. can pick up their individual ticket directly at the entrance with their online ticket. This enables certain people to enter events more quickly. Long queues at checkouts and registration desks are a thing of the past.

### In short

- › Online booking
- › Faster access
- › Visual control possible
- › Badge is printed in seconds
- › Up to 1,000 badges per role



# Smart Service

## Always on your side

### Secure, customized and customer focused

Axess delivers tailor-made systems from the cloud. The aim is to offer the necessary support professionally and in the shortest possible time. We offer support every step of the way, from the first on-site visit to final system

acceptance. The standard support agreement provides access to the support team and help desk. Our employees are available to offer any advice you may need. We have international branches that offer assistance

in the respective national language. All inquiries are documented and processed as quickly as possible. Our teams always strive to offer the best possible assistance.



#### PROJEKT-MANAGEMENT

- › Site inspection
- › Consulting and support
- › Network planning
- › Installation
- › On-site support during
- › Commissioning



#### DATACENTER SERVICE

- › Hosting
- › Administration and data backup
- › Modern security standards
- › Premium hardware



#### TRAINING

- › Training on site
- › Special trainings for seasonal teams
- › Individual trainings



#### HELP DESK

- › Helpdesk
- › Support in native language
- › Support in local timezone
- › 20 subsidiaries worldwide



A photograph of four young people (three men and one woman) standing in front of a modern building with a dark, vertically-slatted wooden facade. The group is smiling and looking towards the camera. The lighting is bright, suggesting a sunny day, with a lens flare visible in the upper right corner. The woman on the left is wearing a white t-shirt and a red cardigan. The man next to her is wearing glasses and a dark jacket. The man in the center is wearing a dark button-down shirt. The woman on the right is wearing a light-colored t-shirt. The text 'Axess' is overlaid on the left side of the image.

**Axess**

**Let the games  
begin.**









AXESS





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# STADIA & ARENAS

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