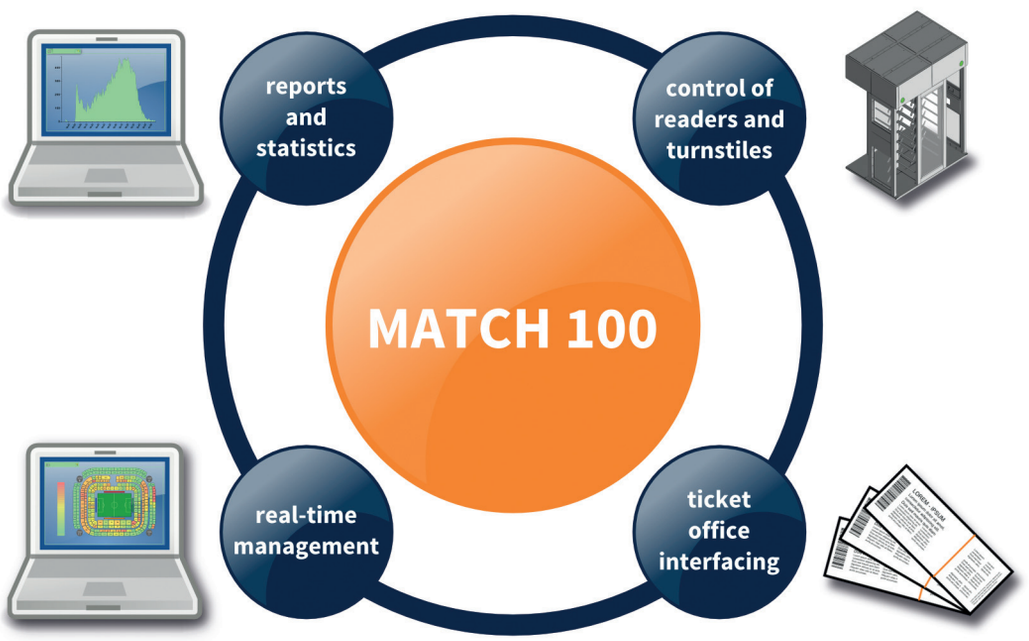
MATCH 100

Software platform for the access control in stadiums and arenas



Match 100 is a software platform for access control in stadiums and arenas. It offers real time functionalities for the handling of access tickets coming from ticket offices. It fully integrates with ticket-reading devices. It tracks usage upon bystanders transit and allows to consult, save or print reports and statistical data.

The system was developed with an emphasis on efficiency, an essential characteristic when it comes to handling very high flows, such as those of sport events, and exploits innovative solutions to reduce data traffic as well as hardware requirements. It is a state-of-the-art system, natively supporting the latest ticketing technologies such as NFC and QR Code, beyond the more traditional barcode tickets and RFID.

Match 100, paired with the **Ticket Monster** reader and the **PA197** full-height turnstile, represents a complete and integrated solution for controlling access in stadiums and arenas.

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Components

The system has a modular and scalable architecture consisting of:

- A central processing service
- A series of customizable modules for ticket office interfacing
- A web interface for general management
- A web interface for consultation, data saving and printout of reports and statistics
- A web interface for the control of readers and turnstiles

CHARACTERISTICS AND FUNCTIONALITIES

Central processing service and customizable modules. The central processing service handles communication with ticket reading devices and develops access lists, while communicating in real time with ticket offices by means of interface modules. These modules are customizable and perfectly integrate with heterogeneous ticket office systems. The service allows definition of access rules, personalized for each single device or groups of devices, and allows modification of rules even after events have started.

Management web interface. The management web interface displays current event statistics in real time, health status of the devices, ticket details and the access rules being applied. It displays dashboard updates in real time with flow rate graphics, filling map representations and count of authorized and other types of access.

Report web interface. The report web interface supplies a complete set of reports in Excel format. These can be opened from a web browser and can be saved / printed directly from there.

Control web interface. The Ticket Monster readers, suitable for operating with the Match 100 system, are automatically configured by communicating with the central processing service and are completely handled remotely through the web interface.

The system supports up to 300 connected devices and a flow rate of up to 1000 entries per minute. Match 100 is compatible with barcode, RFID ISO15693, ISO14443A/B, NFC (Near-Field Communication) and QR Code ticketing technologies. The system handles the access of print-at-home and display-on-your-smartphone documents.

Match 100 is compliant with SIAE and Agenzia delle Entrate (Italian Revenue Agency) norms for the handling of "dematerialized tickets" or digital documents.

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