



AMADEO MAINCORE

SOFTWARE

TECHNICAL DATA SHEET

SOFTWARE

Reception Equipment

IN GENERAL



AMADEO MainCore-Software is based on newest software technologies and it manages, controls and administrates the access processes in buildings and properties any size. Grants are allocated via access profiles, defined for persons, doors and room zones and modifiable calendar. Rights and Grants can be combined to organized profiles, enabling easy allocation to specific employee groups and room zones. Once installed, the system is accessible from any Client PC in the network. Following management equipment is needed: MainCore-Software, Card Encoder and Handheld. MainCore administrates the whole property. The Card encoder is an USB or Network connected device. With the Handheld



HIGHLIGHTS:



AMADEO CLOUD

technology is based on the latest web technology. The AMADEO Cloud Access solution is a piece of near feature how to manage your property 24h a day 365 days a year



AMADEO WIRELESS

AMADEO Wireless key card System works on a protected and safe frequency worldwide in use for security products only



AMADEO APP

acts as a key ring and stores 30 possible keys. MOBILE Key for guests and MOBILE

Software licence: The ST40 Software is available in three versions: FERRUM, ARGENTUM, AURUM and in combination with ACCESS on CARD - AOC

System Limitations		FERRUM	ARGENTUM	AURUM	Integra with AOC
Guest or visitor cards		1 guest card + 0 copies	1 guest card + 3 copies	no limits	no limits
Number of authorizations		4	8	128	Card memory limitation (more than 9999)
Number of locks in the facility		max. 50	max. 100	no limits	no limits
Lock behaviour	Foyer lock	X	X	X	X
	Normal	X	X	X	X
	Corridor	X	X	X	X
	Suite/Subsuite	X	X	X	X
System cards type	Programming cards	X	X	X	X
	Cancelling cards	X	X	X	X
	Blocking cards	X	X	X	X
Lock date & time data	Calendar	X	X	X	X
	Automatic changes	1 Table, 1 Change	1 Table, 20 Change	no limits	no limits
Time tables		1 Table, 1 Time-Zone, 1 Time-Shift	1 Table, 32 TimeZone, 5 TimeShift per Zone	no limits	no limits
Hardware Patterns		Up to 1 hardware pattern	Up to 3 hardware patterns	no limits	no limits
Masters		Only 1 master card	Up to 50 master cards	5000	no limits
Users		Only 1 user	Up to 50 users	10000	no limits
User categories		Only 1 category	5 categories	no limits	no limits
Data base management		Unlimited local backups	Unlimited automatic backups	Unlimited automatic backups with FTP upload option	Unlimited automatic backups with FTP upload option
Communications	Remote Encoding		X	X	X
	PMS Interface	optional, depending on the contract	optional, depending on the contract	optional, depending on the contract	optional, depending on the contract
	Re-Writing (point of encoding)			X	X

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		FERRUM	ARGENTUM	AURUM	Integra with AOC
Reception	New guest	X	X	X	X
	Additional rooms		X	X	X
	Expiration Date		X	X	X
	Initial Date			X	X
	Office Mode		X	X	X
	Copy guest	X	X	X	X
	Single opening		X	X	X
	Deferred transactions			X	X
	Read card	X	X	X	X
Masters	Encode master card	X	X	X	X
	New master code	X	X	X	X
	Master cancelling card		X	X	X
Security	Lock audit trail	X	X	X	X
	Guest cancelling card		X	X	X
	Blocking card			X	X
Maintenance	Rooms out of service		X	X	X
	Programming card	X	X	X	X
	Spare cards	X	X	X	X
Technology	Card technology	X	X	X	X
API Interface				X	X

Number of ID cards	Unlimited (dependent on licence level)
System overview	<p>Web based system inclusive cloud technology</p> <p>Touch-screen and mobile devices capable</p> <p>HTML-based User Interface</p> <p>TCP / IP protocol</p> <p>MY-SQL database-based system</p> <p>Optional: HOST interface to all common Hotel management Systems</p> <p>PMS interface for front-office server</p> <p>With the web based key management system you can manage authorizations for guests, patients, employees, visitors, and vendors locally but manage them centrally.</p>
System size	The scalability of the system guarantees optimal protection from a single door up to 60,000 doors
User group/ administration	Any number of user group can be defined
Backup	Automatic backup and restore for SQL Database
Employee data import	Import from other systems using CSV files
Service information	stored as text file
Log files	Access logs files from all components stored in the DB and device it self, no limits
Lists	Export as CSV or PDF
Device administration	Via Handheld, 99999 Hardware pattern
PIN code	1- to 6-digit PIN code
Battery status display	Battery status is shown on the device, written on Cards, transmitted online, all updated values are displayed in the monitoring screen, Lock list, option: emails to the maintenance
Access calendar	System calendar for persons and door control; including special day and holiday
Day types and special days	Definition of own special days in case of deviation from the normal calendar
Employee record	Foto, Up to 255 characters, numeric Access fields: Validation/ Revalidation interval, access profile, access calendar, PIN code, office release, official data, personal data, free text/comment fields, Authorizations
Groups	Assignment of master cards to Groups, for grouping ID cards by function, department name and number
Visitors	Foto, Visitor management, time and calendar related,

Access profiles	Combination of access rights, doors and door groups for e.g. specific employee group in relation to timezones
Individual Authorizations	Assignment of further individual access rights to an allocated profile for easier handling of temporary exceptional cases
Time Shifts	Setup of one to five time intervals a day per door (extendable) in which access bookings are allowed
Time Zones	Allowing to assign access to each weekday. A substitute access program is automatically used on special days and holidays
Locking plan - Matrix	Locking plan for easy access rights
Authorizations	Flexible assignment of access grants
Room zones	definition of room zones
Door definitions	Hardware definition by Hardware pattern
Door programs	Automatic change of door status
Door schedules	Individual Time Zones assigned to the doors
Door status monitoring	Wifi, RS485-TCP/IP monitoring in almost realtime, sensing door contact, DND/FRP or MUR detection, shows battery status, Online status, read out auditory by mouse click
Security options	Repeated access lock, Room zone switch controls, Alarms detection
Special access options	Sluice control, turnstiles, Elevator control, online hardwired lockers
Remote manual door opening	The following functions are available for manual operation: open-close temporarily or permanent opening, stop permanent opening.
Remote Control	via APP, Client Pc or Tablett

Database	Licence free MySQL Server
Operating mode	AMADEO Services with background processing of booking data for wifi, Lan, RS485/TCP-IP, Handheld, Clients
Operation, dialogue system	100% browser-oriented for Microsoft® Internet Explorer, Firefox and Google Chrom, user friendly menu structure, buttons
Language	Simultaneously multilingual processing dialogues and data (German, English, French, Dutch, Spanish...)
Communication with Hardwired devices	TCP/IP - RS485
Web server	Microsoft IIS
User help	direct in the application on screen
Backup	automatic local, Network or FTP upload, Time and weekday pre settings
Licence management	Via licence NO dongle; licence extension/renewal possible at any time

Technical Requirements:

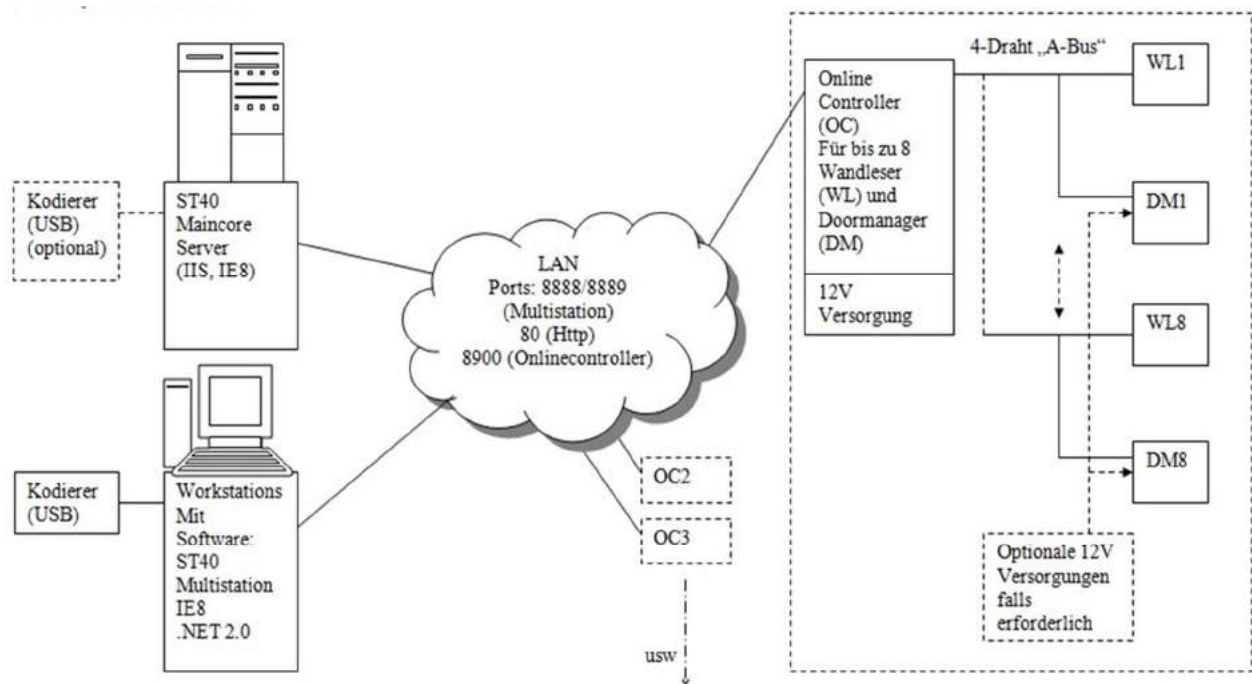
Server	Microsoft® Windows® compatible PC (min 1 GHz clock rate), Server requirements Supported OS: from Windows 7 Professional 32/64 bit Windows Server 2008 32/ 64bit (all OS can be virtual!) Internet Explorer 8 and higher IIS (Internet Information Services) .NET Framework 4.0
Client	Windows 7 Professional 32/64-bit, Internet Explorer 8 and higher
RAM	min 1 GB
Hard Disc	3 GB free hard disk capacity
Operating system	Simultaneously multilingual processing dialogues and data (German, English, French, Dutch, Spanisch...)
Bowser	TCP/IP - RS485
Applications	Microsoft IIS
Monitor	with min. resolution 1024x768
Backup	automatic local, Network or FTP upload, Time and weekday pre settings
Licence manage- ment	Via licence NO dongle; licence extension/renewal possible at any time

SYSTEMOVERVIEW and INSTALLATION

Short description

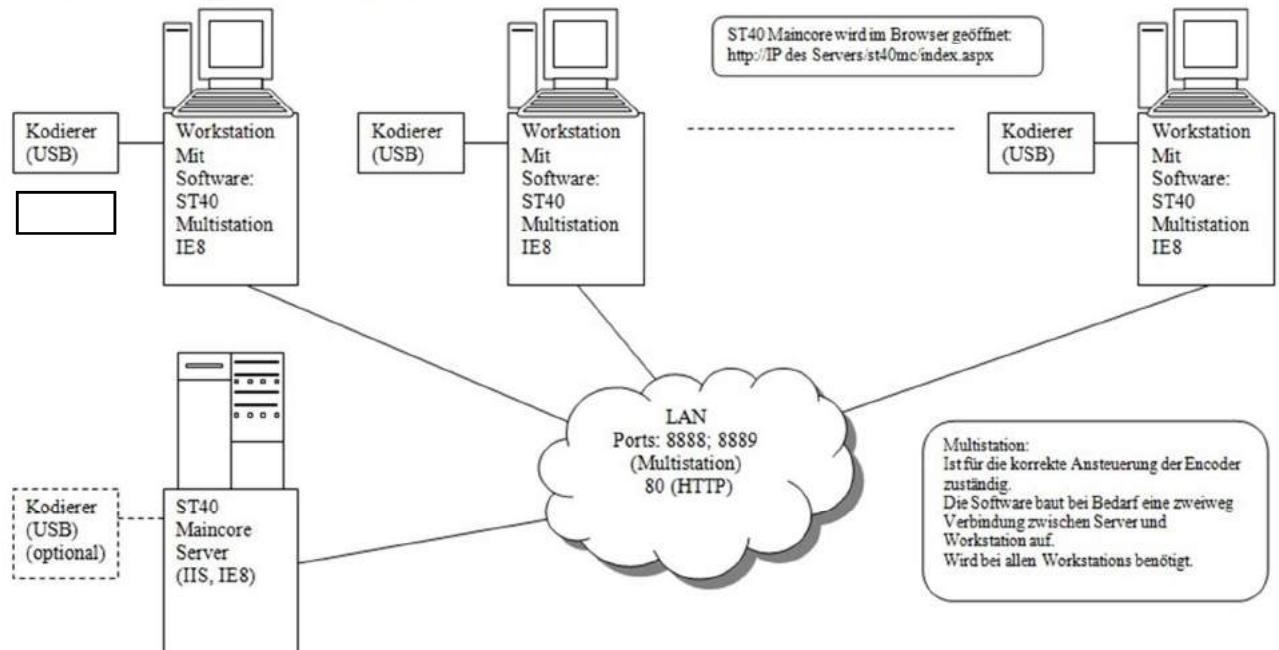
1. Install IIS without FTP Services
2. Install My SQL Database Engine
3. Install Ajax Extensors
4. Install Ajax Features
5. Install ST40 MainCore

For further instructions see " MainCore System Installation guide" or user guide.



Workstation-Aufbau:

Alle Workstations benötigen .NET Framework 2.0 oder höher.



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Printing errors and technical modifications excepted.

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