FaMe FM Software

A Comprehensive Solution for

Smart Cities Management

One main platform, it's a lifetime solution, to provide an integrated management system for:
Smart Buildings - Smart Utilities - Smart Services - Smart Street Lights - Smart Transportation - Smart Waste Management & much more.
For a sustainable operation & maintenance activities management system for the properties & its facilities.

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Smart Cities Management

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Today's Cities Status

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Today's Homes Status

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Today's Offices Status

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- So, The smart cities management needs a huge volume of data.

- Which needs information technology to speed up and facilitate dealing with this data.

- In such a case, A comprehensive solution is an advantage because for example but not limited to:

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- A comprehensive solution saves total investments and operating costs.
- A comprehensive solution avoids interfaces conflicts with other applications.
- A corporate database for all modules avoids double data entry.
- With a corporate database a change is immediately available at all other modules.
- A comprehensive solution reduce training and administration costs.
- **The user can start with a small application and can build – up a comprehensive solution.**

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FaMe FM Vision

For

Smart City Management

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Future's Smart Cities

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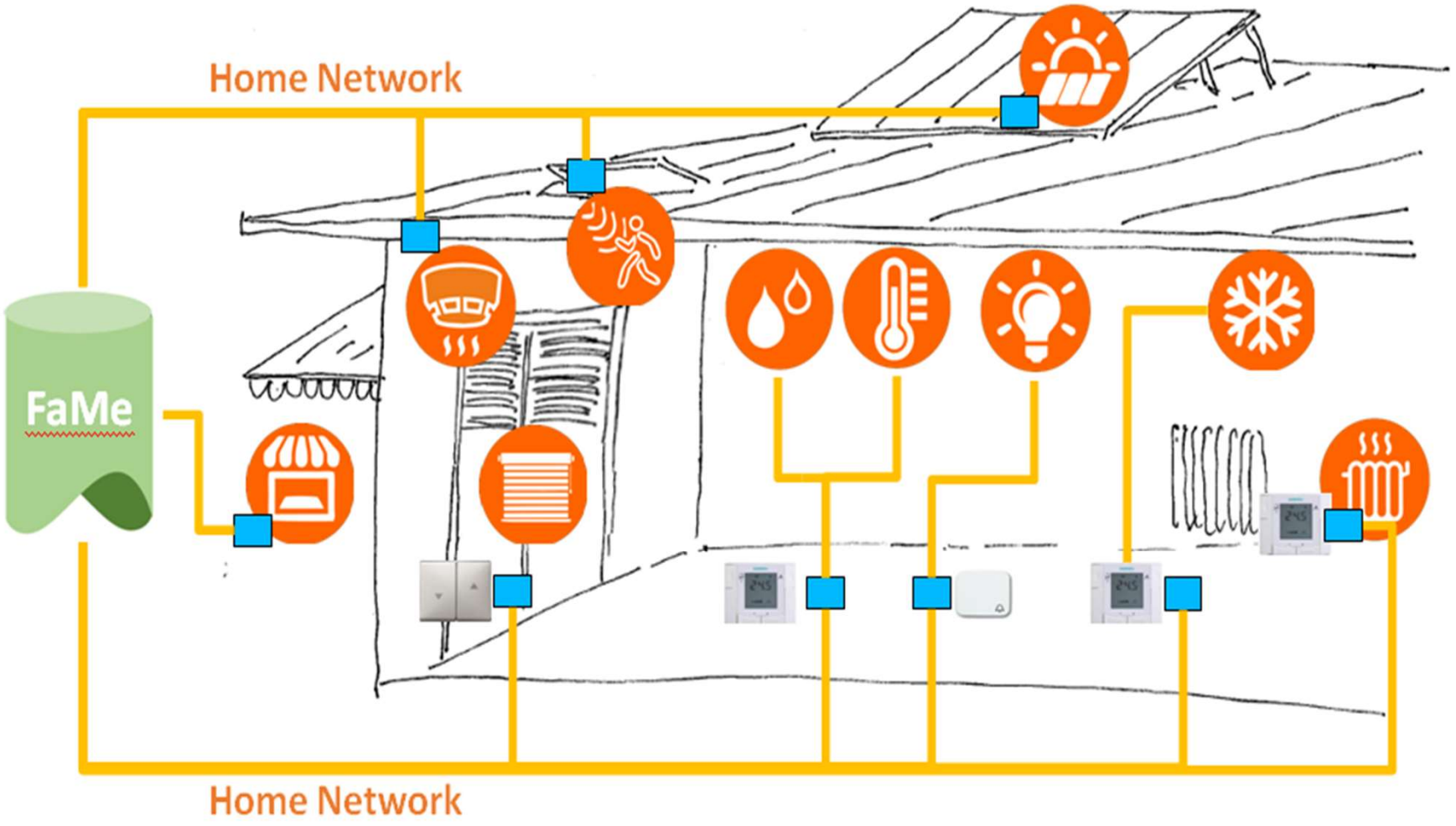

Future's Smart Homes

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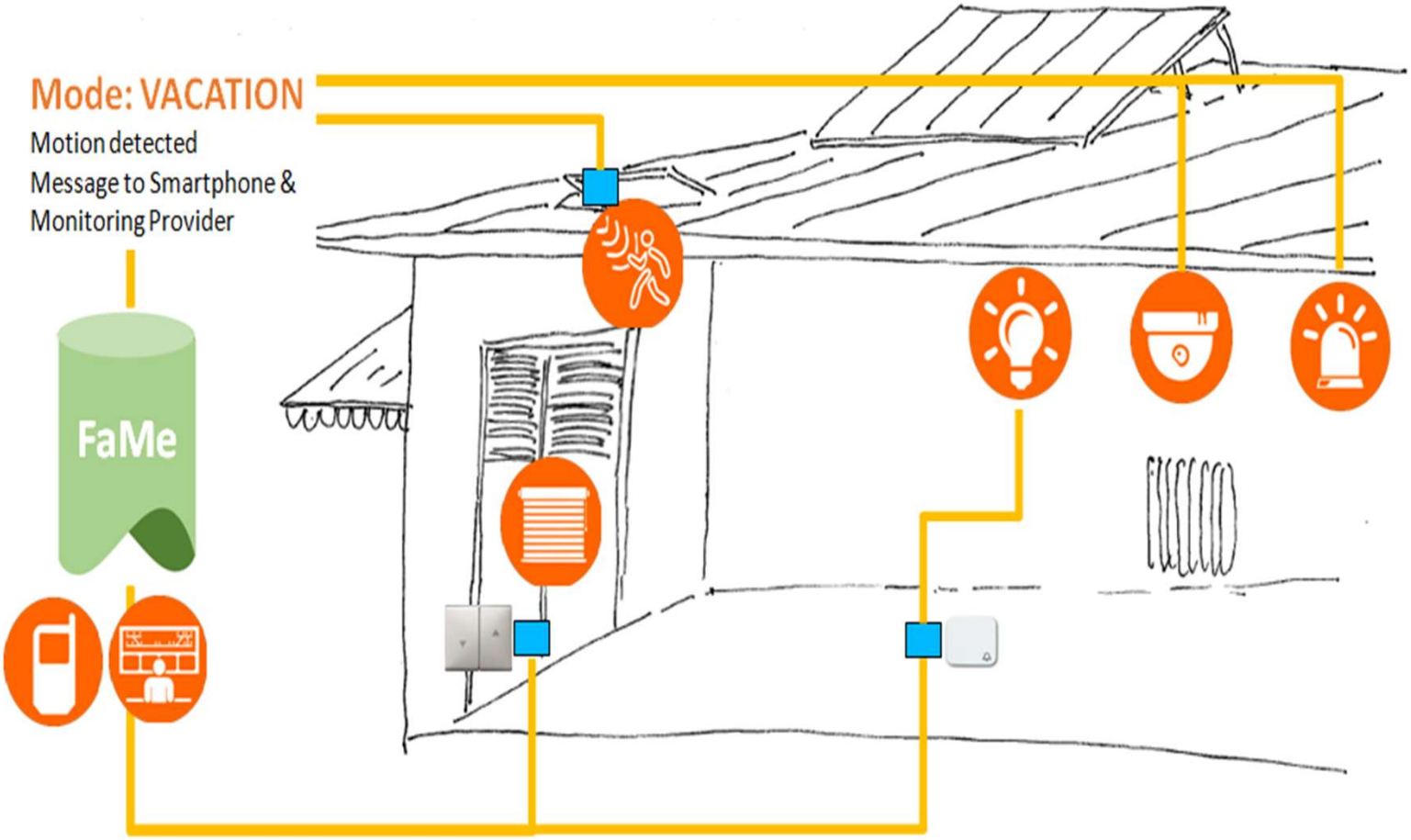
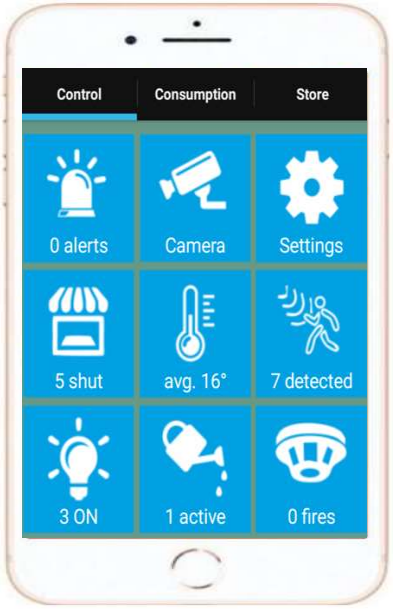


Smart
Home
22.04.2019 10:15
Trend



Future's Smart Homes

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Future's Smart Offices

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FaMe FM software

Definition & important information

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FaMe FM Software

with its 38 different and integrated modules
and its e-payment portal which is integrated with Banque Miser e-payment gateway

Provides a Comprehensive Solution

For

Smart Cities Management

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S	Module	S	Module
1	FaMe Basic	11	FaMe Service line
2	FaMe Accounting	12	FaMe Self Service
3	FaMe Asset Management	13	FaMe Budget Management
4	FaMe Energy Management	14	FaMe Document Management
5	FaMe Lease & Sale (CRM) Management	15	FaMe Landscape Management
6	FaMe Contract Management	16	FaMe AVA (Call for Proposals / Awarding / Clearing
7	FaMe Warehouse Management	17	FaMe Barcode/Tag Management
8	FaMe Maintenance Management	18	FaMe Front Desk
9	FaMe Drawing Management	19	FaMe Catering
10	FaMe Portfolio Management	20	FaMe Waste Management

FaMe FM Modules

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S	Module	S	Module
21	FaMe Fleet Management	31	FaMe Access Management
22	FaMe Warranty Management	32	FaMe Security Management
23	FaMe Conference Room Management	33	FaMe Relocation Management
24	FaMe Client Management	34	FaMe Fleet Management
25	FaMe Network Management	35	FaMe Airport Management
26	FaMe Car Park Management	36	FaMe Hotel Management
27	FaMe Project Management	37	FaMe Hospital Management
28	FaMe Room Book / Space Planning	38	FaMe Trade Show Booth Management
29	FaMe Cleaning Management		**All Modules to be used in combination with Basic Module**
30	FaMe Resource Management		

FaMe FM Modules

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1. It is a readymade and complete integrated program with one database, specialized in managing all types of real estate projects and their various uses.
2. It is **One Main Platform** consists of more than 38 different modules, to cover all the tasks and functions required to manage and operate real estate projects.
3. The modules can be operated both independently, and as one integrated unit.
4. The main task of each module is to send live data and information to the relevant modules to update their data.

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5. The software is designed on the concept of " Deploy once, use many".
6. This design allows all the system modules can be used for different projects independently which does not interfere with each other due to the FaMe FM classification ability which identifies modules/functions needed for each project.
7. with no interfere between projects due to the ability of FaMe FM's advanced classification function separating the units / functions required for each project.

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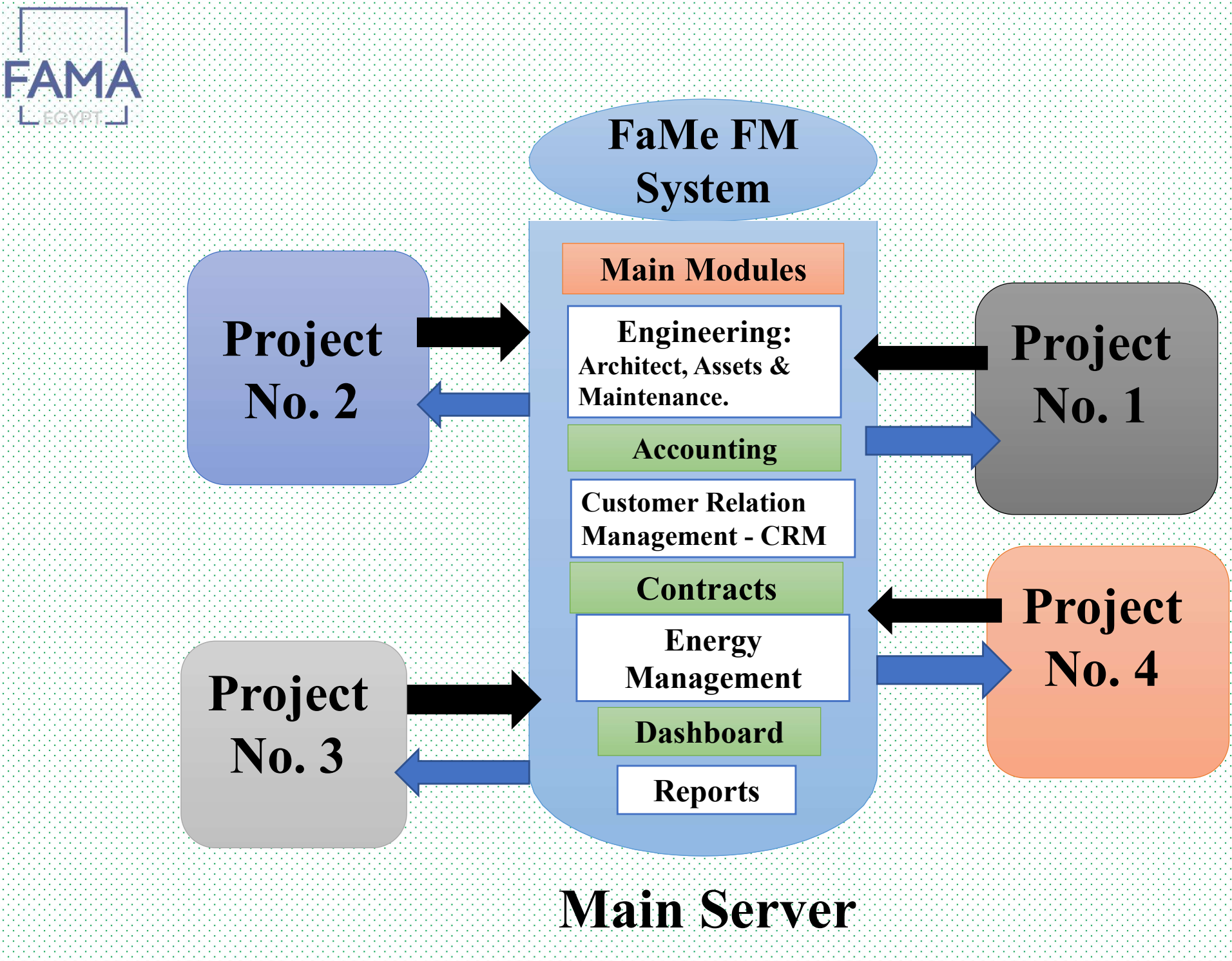
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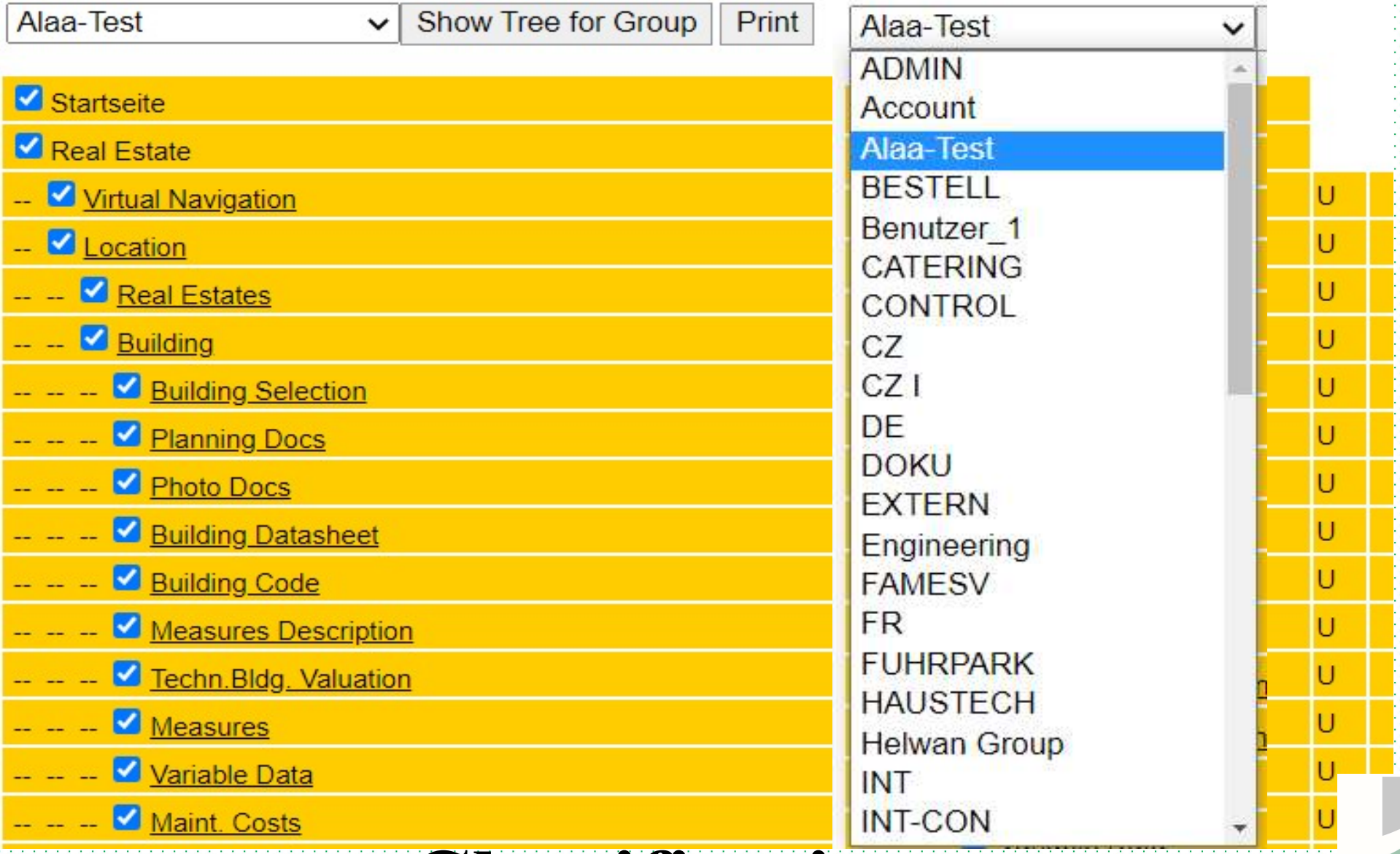
FaMe FM System
Main Modules
Engineering: Architect, Assets & Maintenance.
Accounting
Customer Relation Management - CRM
Contracts
Energy Management
Dashboard
Reports
Project No. 2
Project No. 1
Project No. 3
Project No. 4
Main Server
FaME
Facilities Management Software GmbH



Classification

8. For each project, the system classification (user management) supports user and group security rights and policies for authentication, which are rights-based granting access to the database and its features:

- The right to access specified interfaces.
- The right to access specified data.
- The right to carry out specific operations.

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BESTELL | Show Tree for Group | Print

BESTELL

- ADMIN
- Account
- Alaa-Test
- BESTELL
- Benutzer_1
- CATERING
- CONTROL
- CZ
- CZ I
- DE
- DOKU
- EXTERN
- Engineering
- FAMESV
- FR
- FUHRPARK
- HAUSTECH
- Helwan Group
- INT
- INT-CON

Startseite		
Real Estate		
-- Virtual Navigation	U	
-- Location	U	
-- -- Real Estates	U	
-- -- Building	U	
-- -- -- Building Selection	U	
-- -- -- Planning Docs	U	
-- -- -- Photo Docs	U	
-- -- -- Building Datasheet	U	
-- -- -- Building Code	U	
-- -- -- Measures Description	U	
-- -- -- Techn.Bldg. Valuation	U	
-- -- -- Measures	U	
-- -- -- Variable Data	U	
-- -- -- Maint. Costs		

User's Rights

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10. Each FaMe FM software version which contains any number of modules, can host information and handle the management tasks and jobs for a total building area up to 5 million M2 + its Infrastructure information before the system need another copy.

11. FaMe FM software provides many solutions to manage different sectors in the field of real estate and facilities management. For example, but not limited to:

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FaMe FM Solutions

1. Smart Meters Management.
2. Compounds Management
3. Office Buildings Management
4. Shopping Malls Management
5. Maintenance Management.
6. Spare Parts Warehouse Management
7. Tenders Management
8. Waste disposal Management
9. Streetlights Management
10. Car Parking Management
11. Fleet management
12. Parking Management
13. Industrial Area Management
14. Airports Management
15. Universities Management
16. Hotel Management

And Much More

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Smart City Management

FaMe FM is designed to manage unlimited numbers of smart buildings either been built vertical or horizontal.

Regardless the type and size of the buildings, so the system structure and its ability to handle large amounts of information allow to provide an accurate analysis for this data.

By combining IoT (Internet of Things) and AI (Artificial Intelligence) functions.

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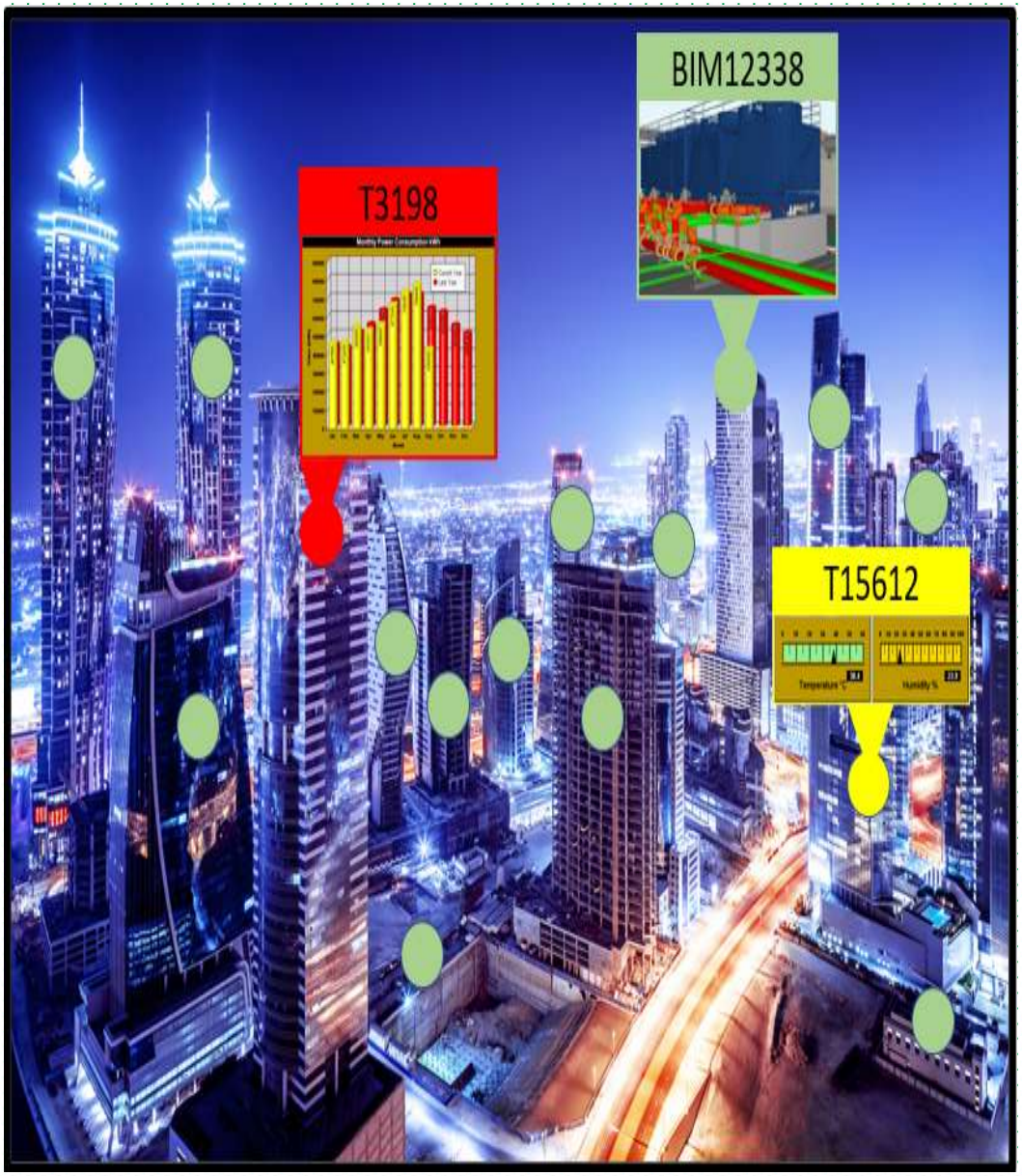

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Modules	Services								Smart City				Remarks
									Buildings				
	Main Platform	Real Estate Management	Energy Management	Maintenance Management	E-Payments	CCTV	Street Light	ETC....	Office Buildings	Apartments	Villas	Other Building	
									Infrastructure				
FaMe FM Basic / Buildings and utilities data according to as built	X	X	X	X	X	X	X	X	X	X	X	X	
FaMe FM BIM Solution	X								X	X	X	X	Construction Data
FaMe FM Accounting	X	X	X	X		X	X	X	X	X	X	X	
FaMe FM Lease management (Commercial)	X	X	X						X	X	X	X	
FaMe FM CRM	X	X	X			X	X	X	X	X	X	X	
FaMe FM Controlling / Budget	X	X											
FaMe FM Contract Mnagement	X	X				X		X	X	X	X	X	
FaMe FM Asset Management	X	X	X	X	X	X	X	X	X	X	X	X	
FaMe FM Document Mgt.	X		X	X	X	X	X	X	X	X	X	X	
FaMe FM Energy Management	X	X		X	X	X	X	X	X	X	X	X	
FaMe FM Maintenance Mana.	X	X		X	X				X	X	X	X	
FaMe FM Serviceline (Inci)	X		X	X	X	X	X	X					
FaMe FM Access Management	X		X			X	X		X	X	X	X	
FaMe FM Landscaping	X			X					X	X	X	X	
FaMe FM HR System	X		X		X	X	X						
FaMe FM Reports	X	X	X	X	X	X	X	X	X	X	X	X	
FaMe FM BACnet	X	X							X			X	
FaMe FM KNX	X									X	X		
FaMe FM COSEM/DLMS	X	X							X	X	X	X	
FaMe FM SOA/XML	X	X							X	X	X	X	
FaMe FM Dashboard	X	X	X	X	X	X	X	X					
FaMe FM Client Management (Apps)	X	X	X	X	X	X	X	X	X	X	X	X	
Services Order via Internet	X	X	X	X	X	X	X	X	X	X	X	X	
FaMe FM Portal for E-Payments	X	X	X	X	X	X	X	X	X	X	X	X	

FaMe's System Overview for Smart City Management

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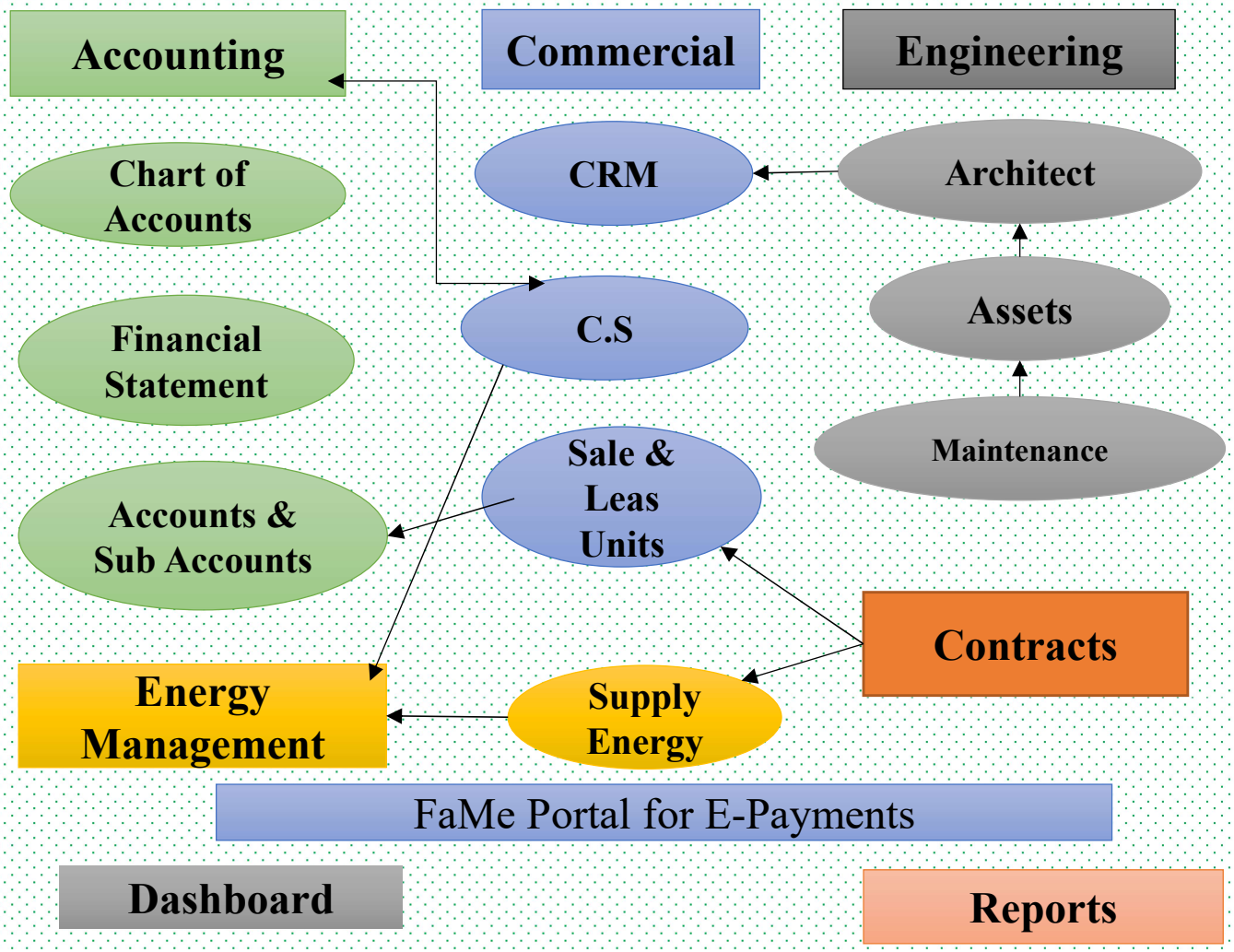

Solution Main Modules

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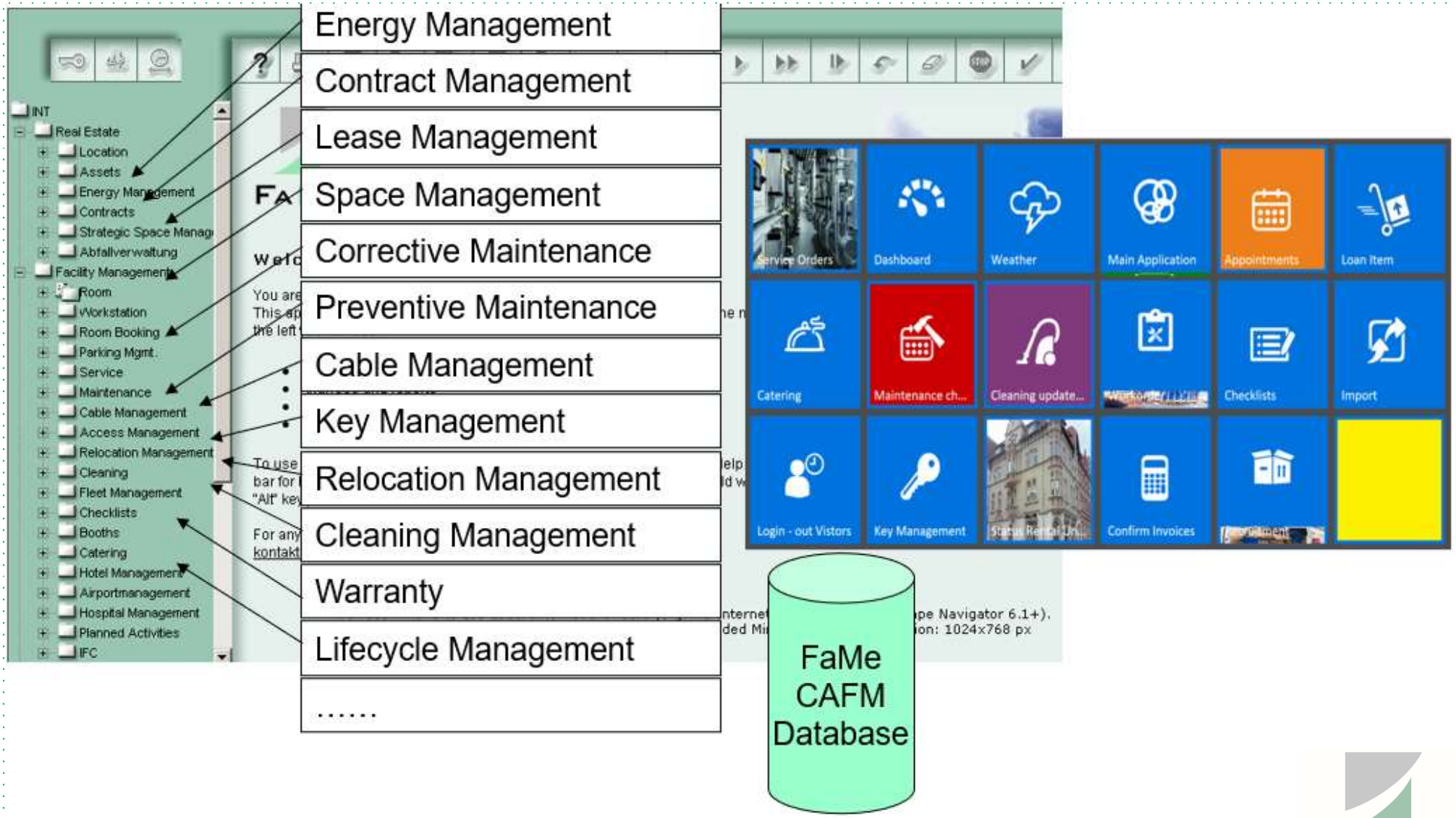

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FaMe i FMS

Workplace Management | Maintenance | Cleaning

Parkplace Management | Access Management | BIM Model

Fault Management | Conference Management | ..... Inventory

Supervisor Core Room

Situation Manager

BMS Building Automation

BMS BAC net | BMS KNX | BMS IOT

Aircondition

Heating /Plumping

.... other Building Fittings

Video

Access Card

Energy Management
Waste Management
Comfort Management
Predictive Maintenance
Security / Alarm / Visitor
Cleaning/ Landscaping
Access Key Management
Environment Management
Contract Management
Tenant Management

FaMe's Smart City System

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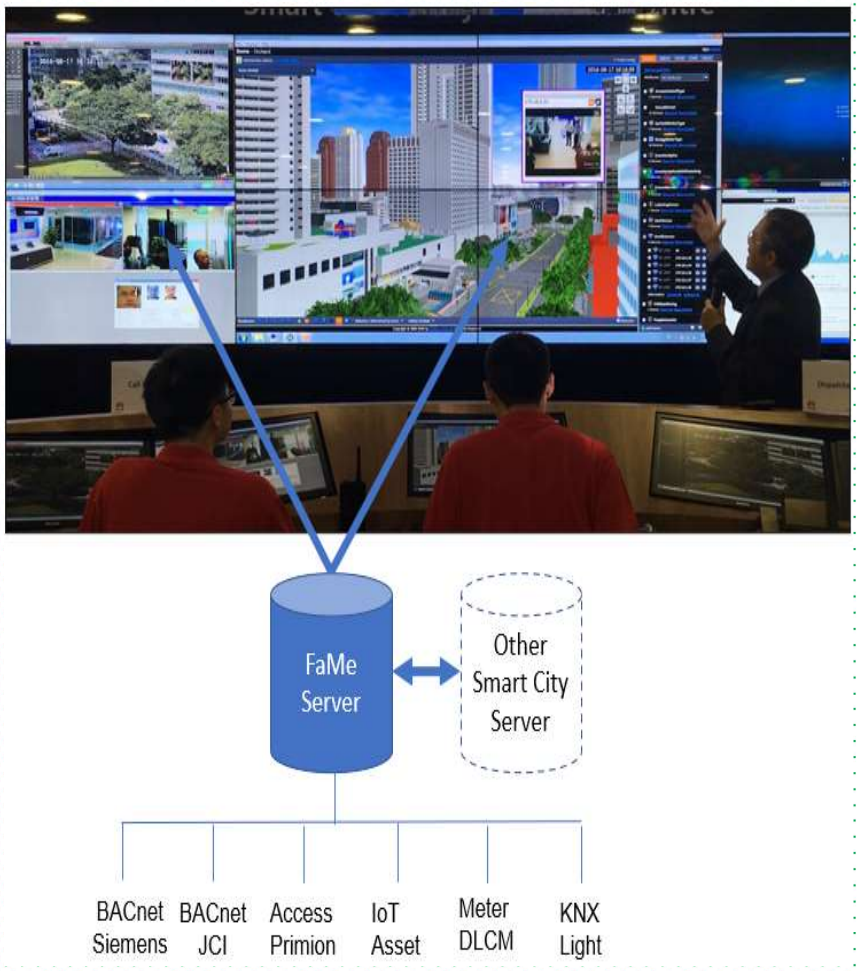

Emergency Coordination for all registered buildings.
For example, in the case of fire
Automatic notifications
Fire Department and:
Turn off electricity to the building
Shut off gas in the building and surrounding area.
Turn off any nearby air conditioning.
Close all windows adjacent buildings.
Divert traffic.

City Operation Center

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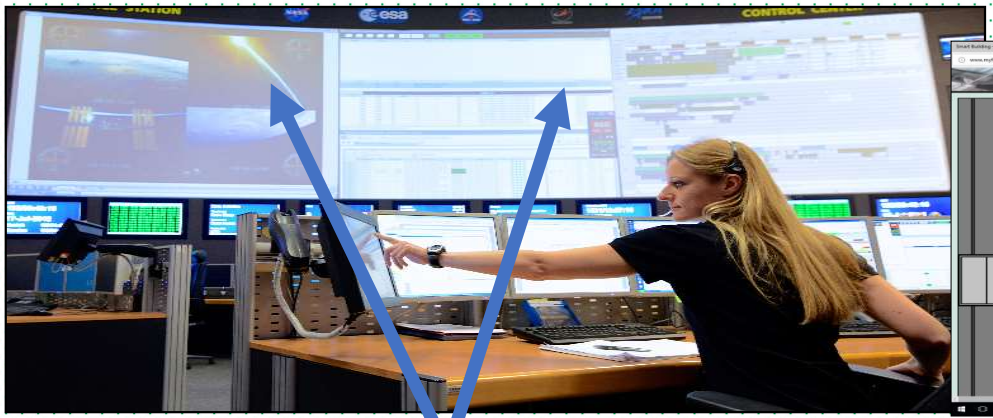
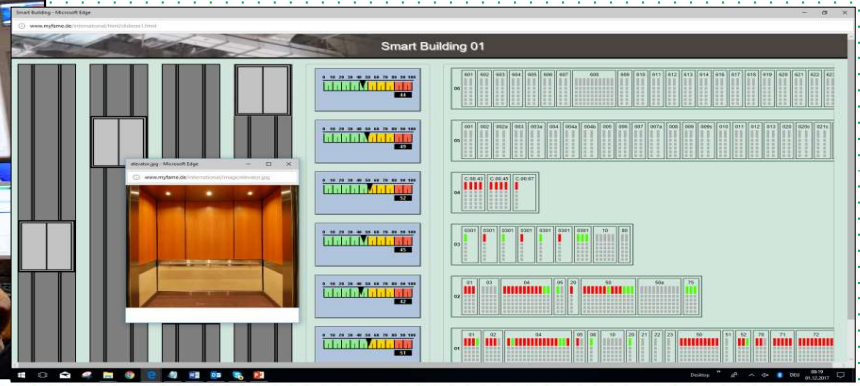
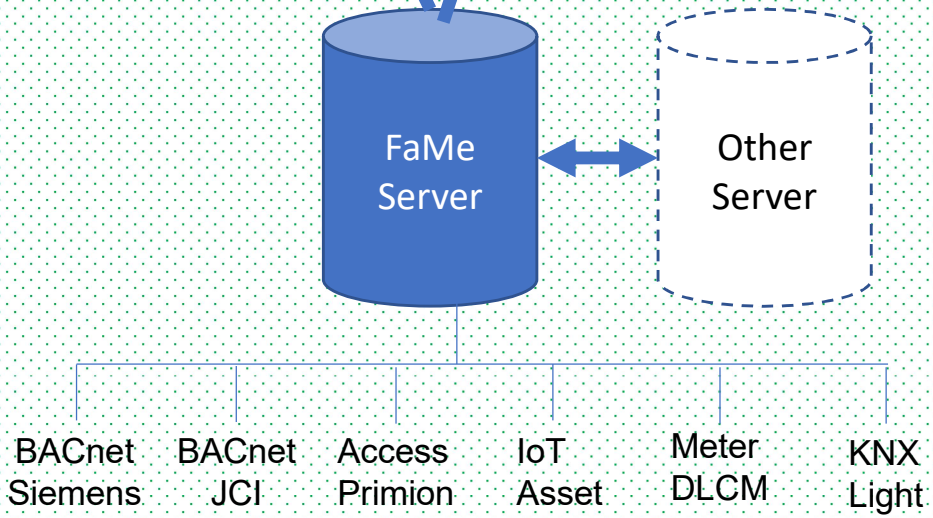
Property & Facility
Management Solutions







Via the supervisor control room, central monitoring of building complex, individual buildings and individual technical systems

FaMe Smart City Interface

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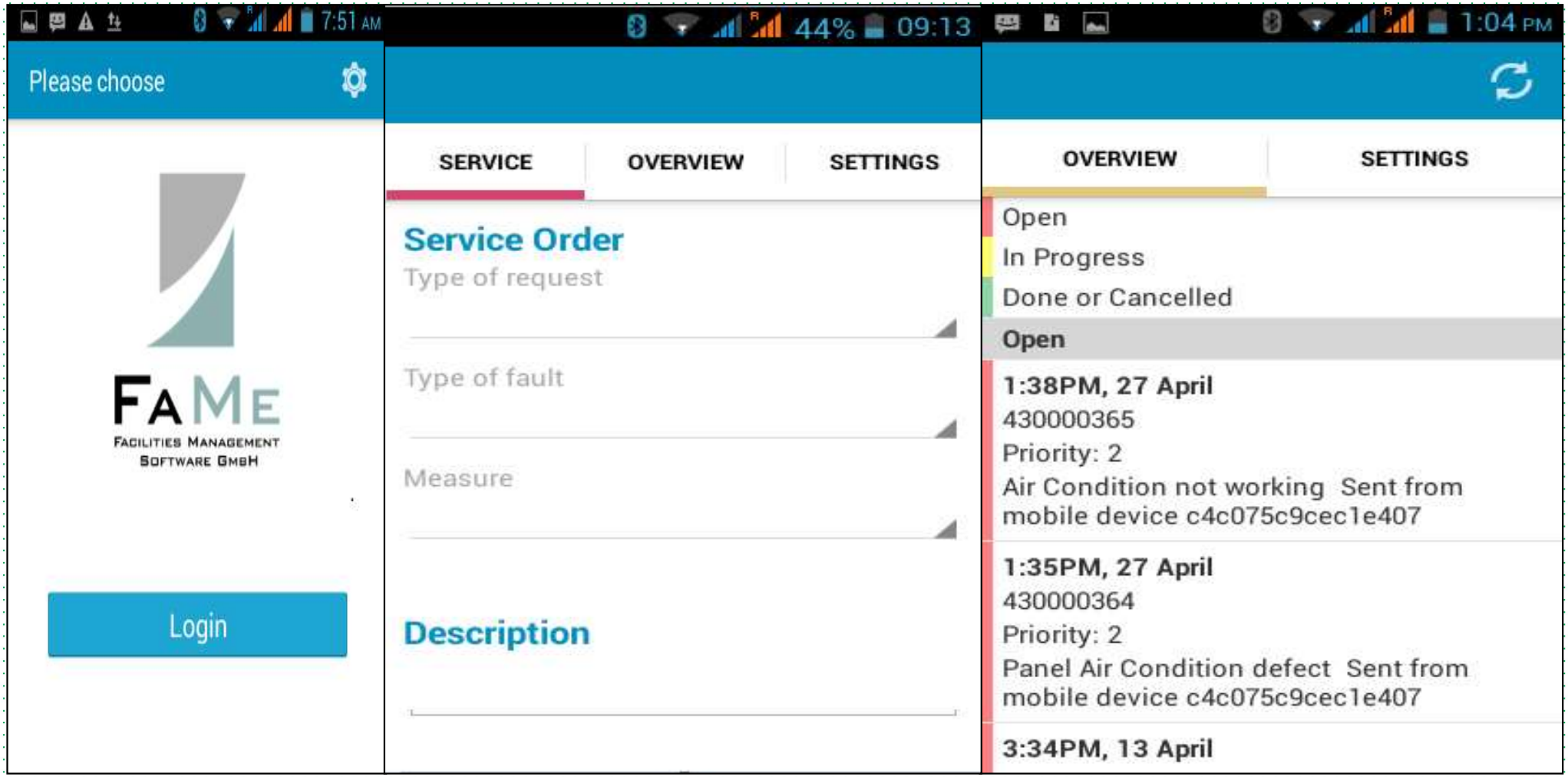

Client's Management (Apps)

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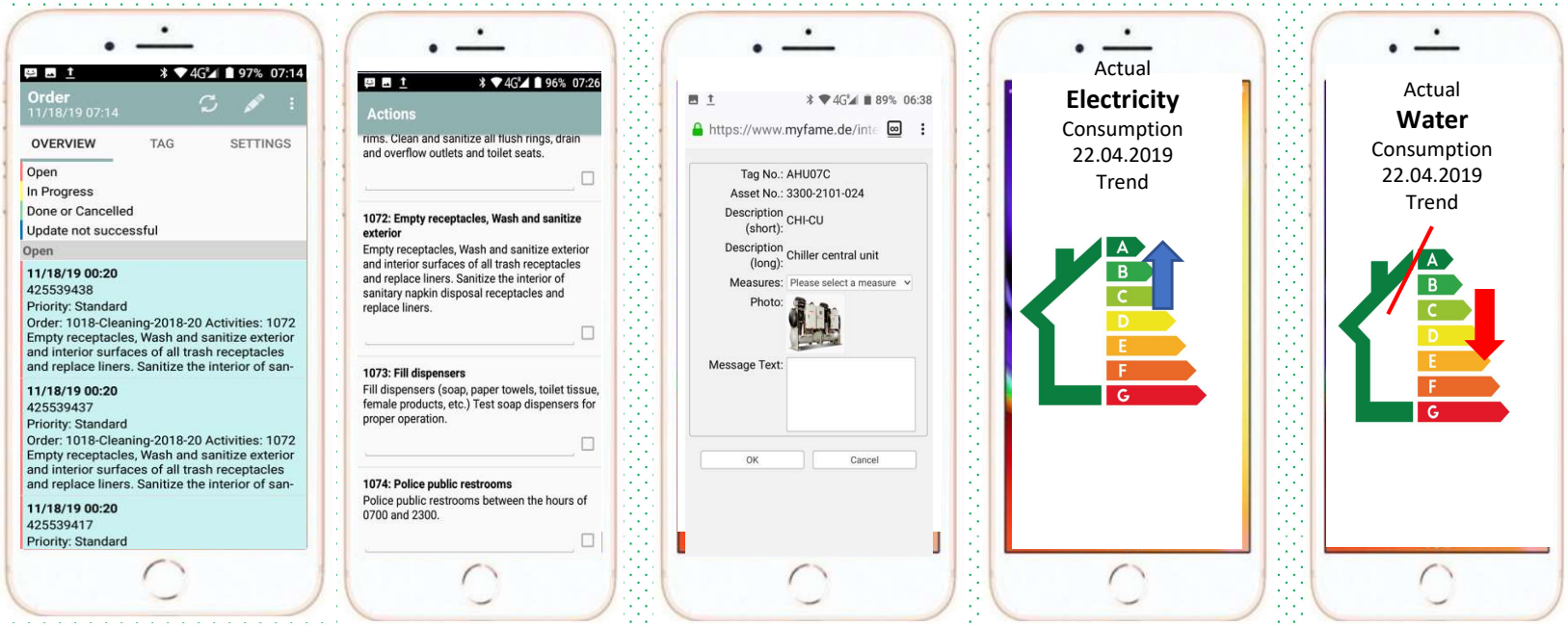
Maintenance Operation



Client's Management (Apps)

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Services price list

Orders Service via Internet

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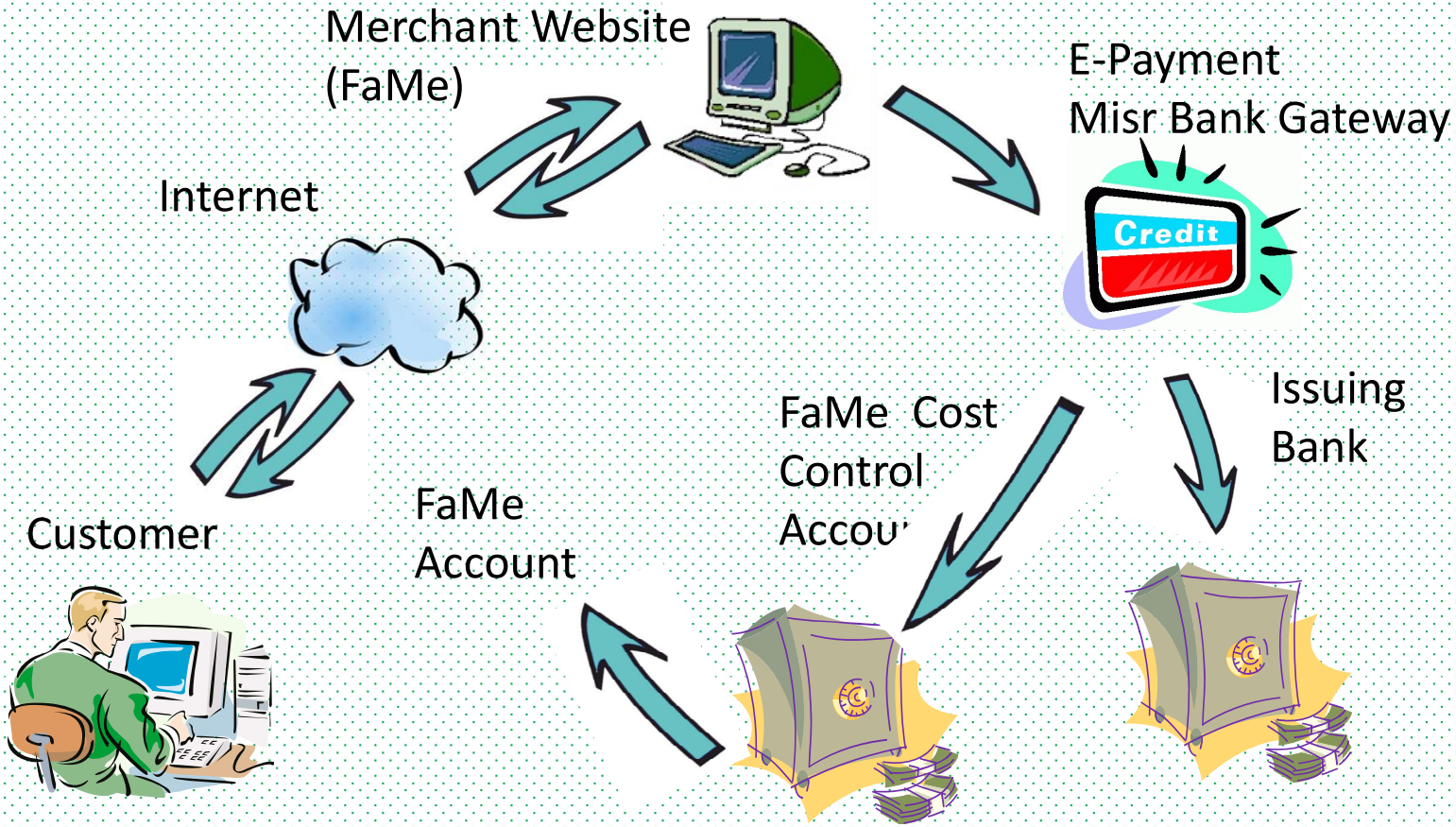
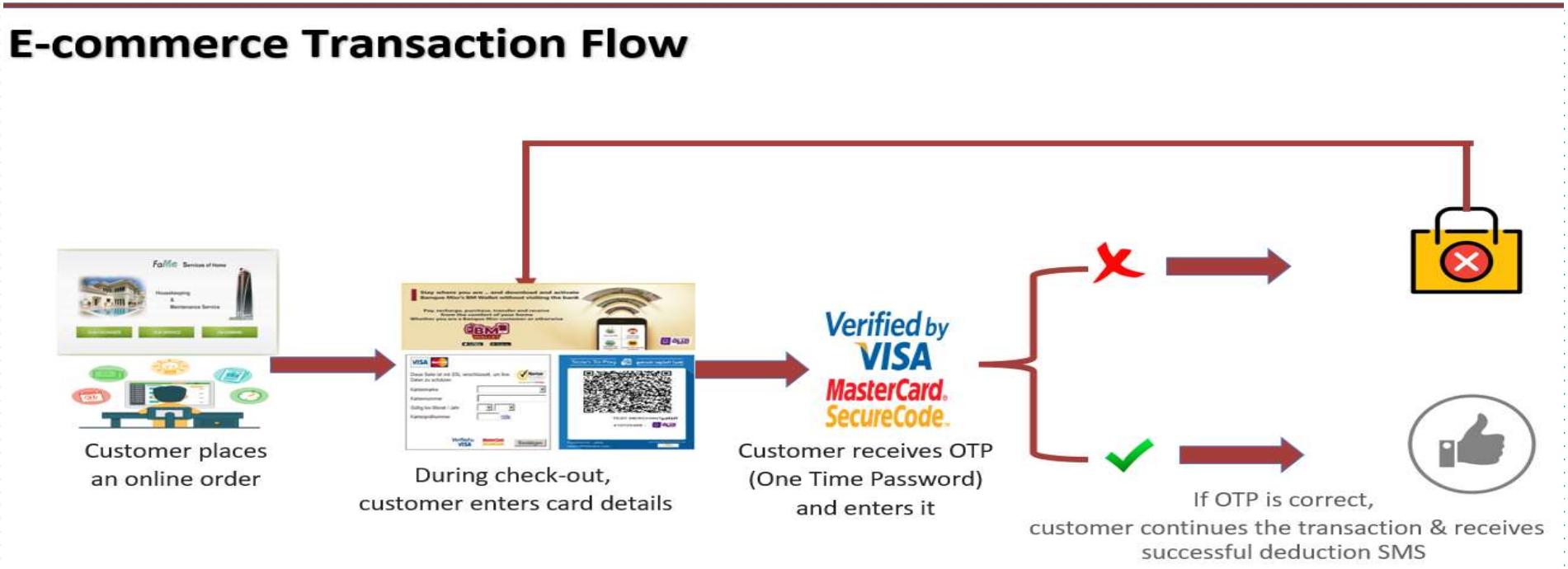
E-Payment Process



Client's Payment Process

By using Master Card, Visa national & international , Messa, Wallet and QR code.



Banque Misr E-Payment Gateway

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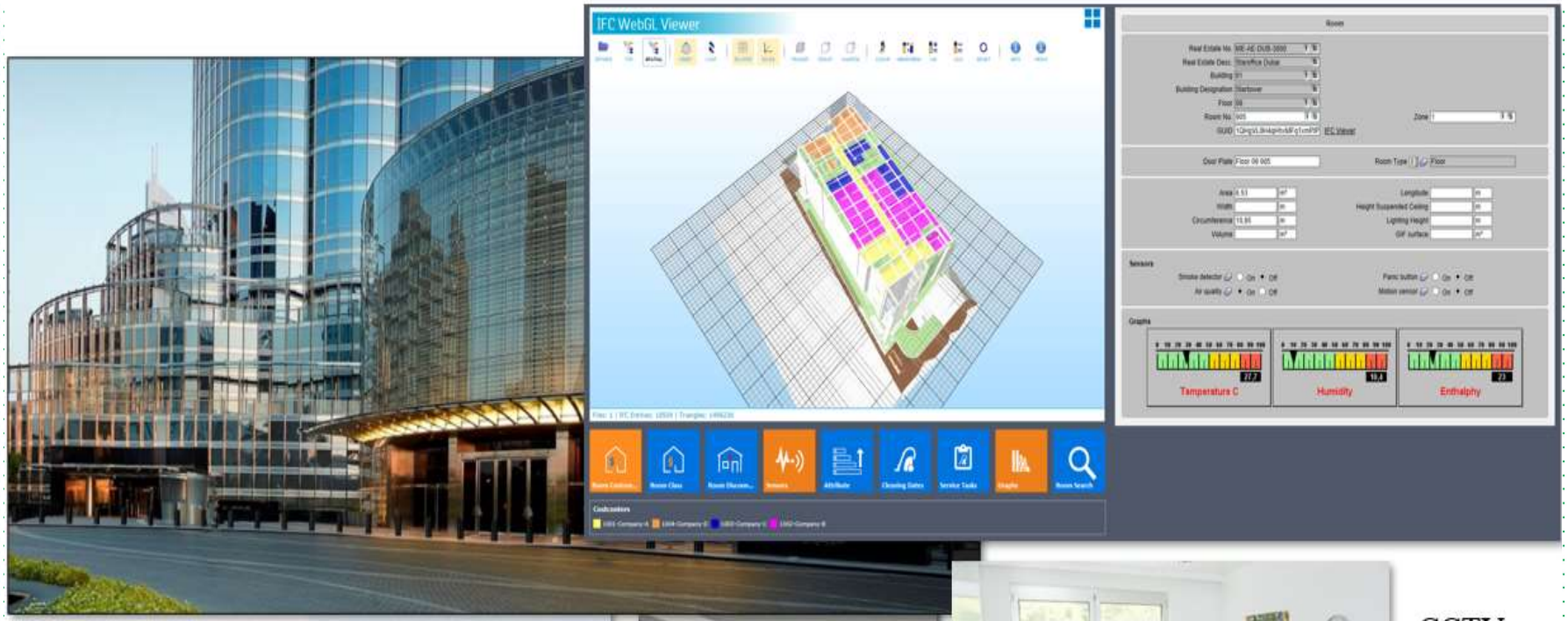
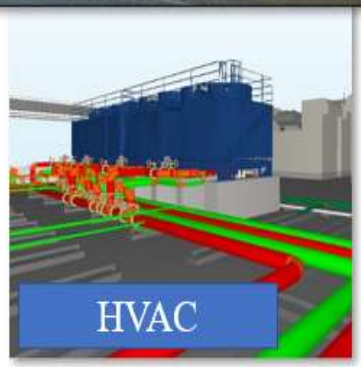
IoT BMS Integration



BIM Model



CCTV
Security
Integration

Integrated with BIM APP

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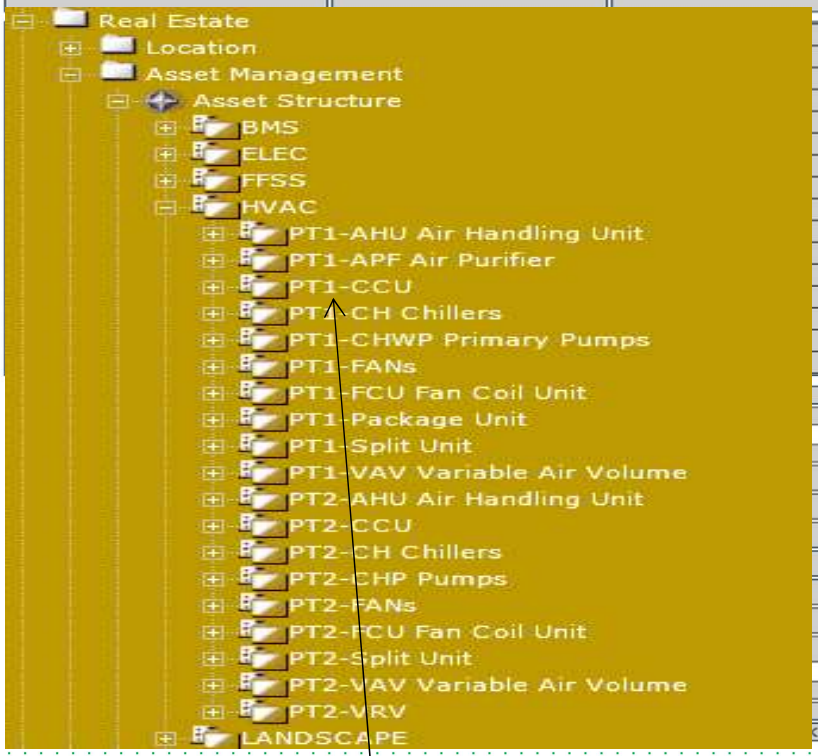
Installation No.	AHU-05-1
Installation Description	Installtion AHU-05-01
Priority Availability	1
Responsible Person	Mohamed Wagih Shindy
Phone	73881
Maintenance Company	
Name	
Phone	

Basic Information/
Installation



	YMS 60X80	
	AHU 5-1	
	11000	CFM
		l/s
	SPA 1500 x 2Nos	
	85	kW
	208	
	560	
	2002	RPM
	VTN132SA	
	5.5	Kw
	1450	RPM

	Active on		
	Next Reading	Value	Alarm
	23.09.2015 11:05	Normal	
	23.09.2015 11:05	Normal	
	23.09.2015 11:30	0.015000	
	23.09.2015 11:30	31.350000	
	23.09.2015 11:20	Normal	
	23.09.2015 11:05	Clean	
	23.09.2015 11:30	24.700001	

	Status
Kind of Problem: Air-Conditioning: Very Hot	Done

Navigation Building /
Installation

- BMS online. .- Green = OK
- Parts Status. - Energy Consumption

Integrated with BMS

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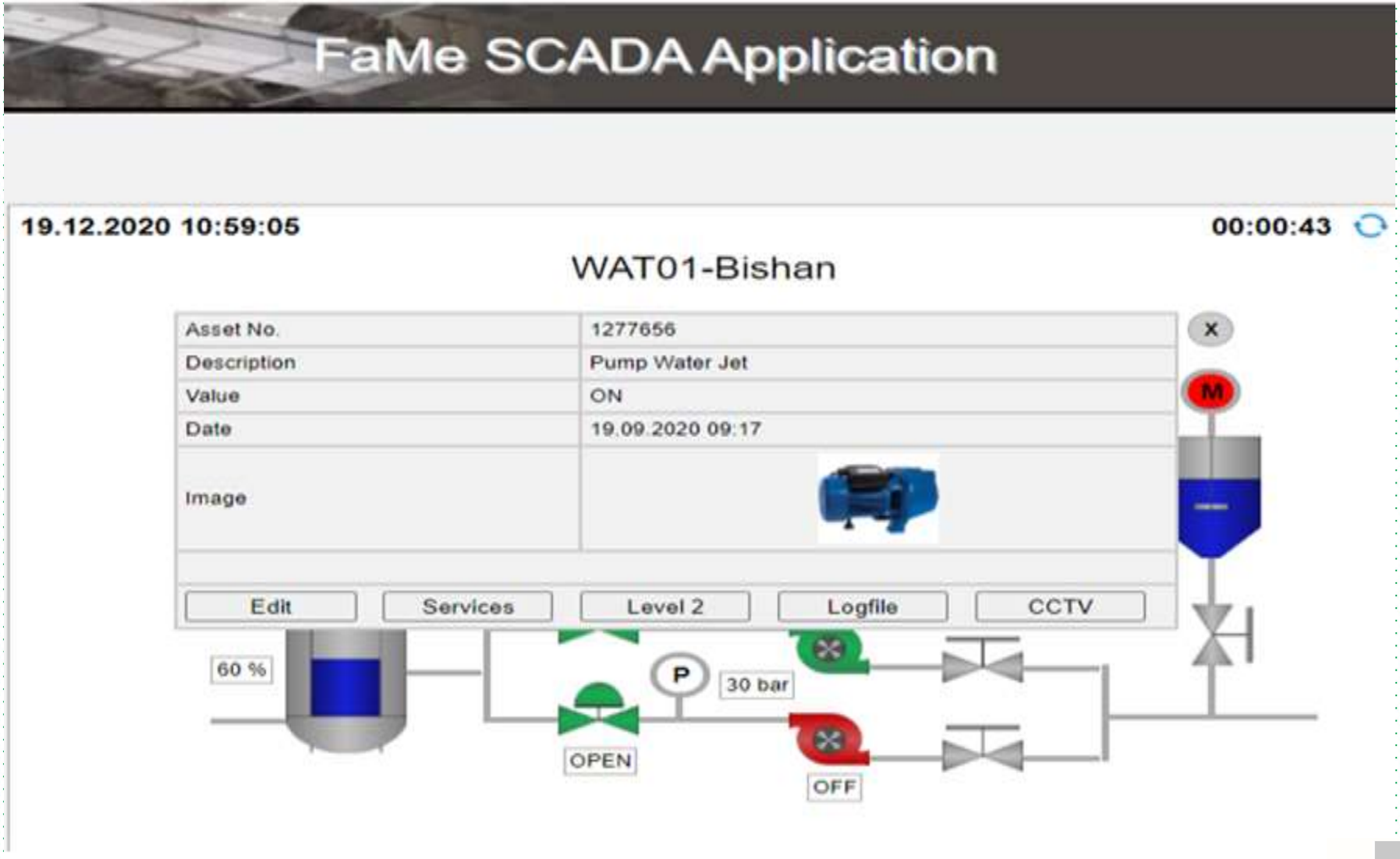

Integrated with SCADA

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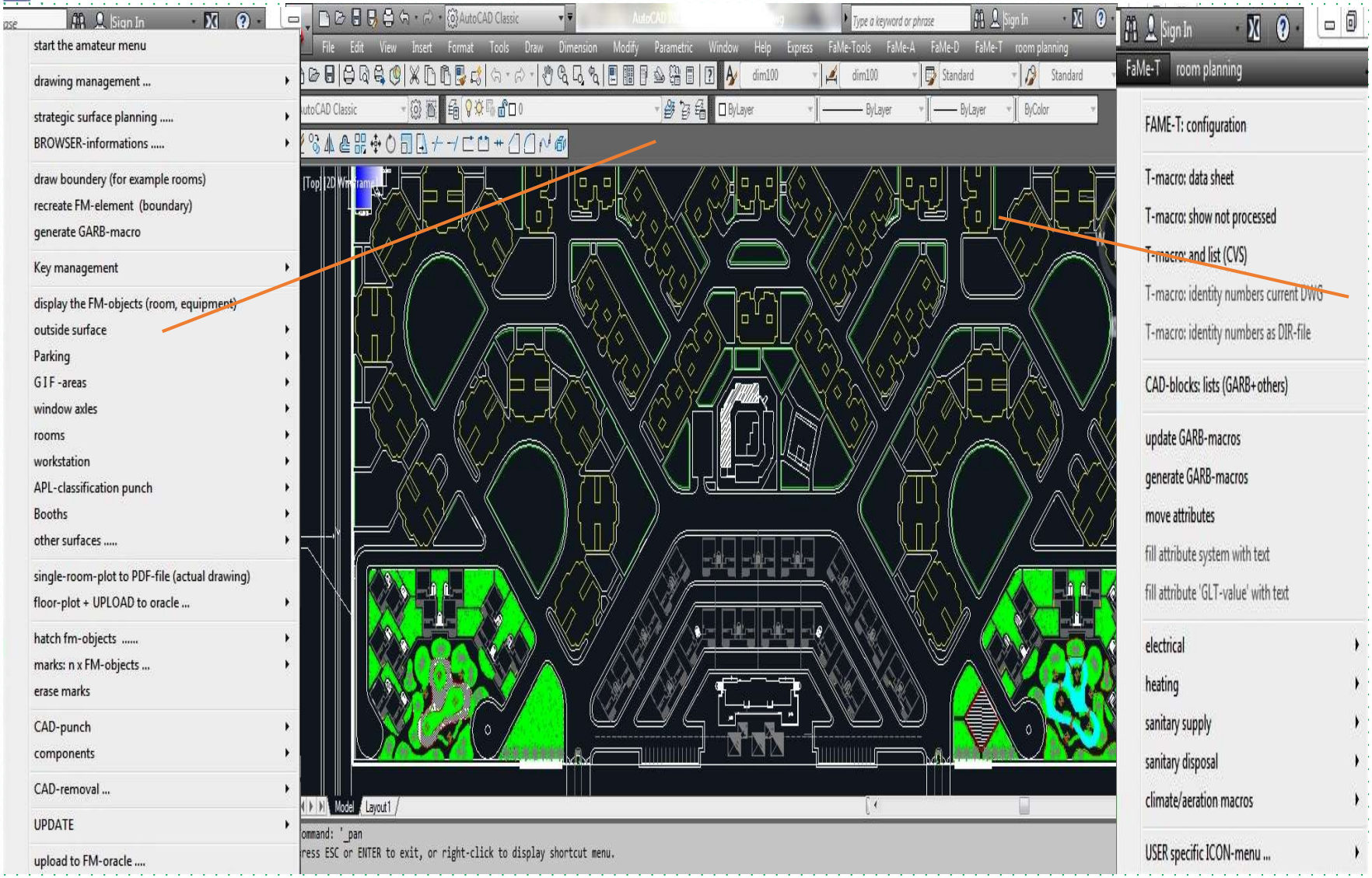

Integrated with AutoCAD

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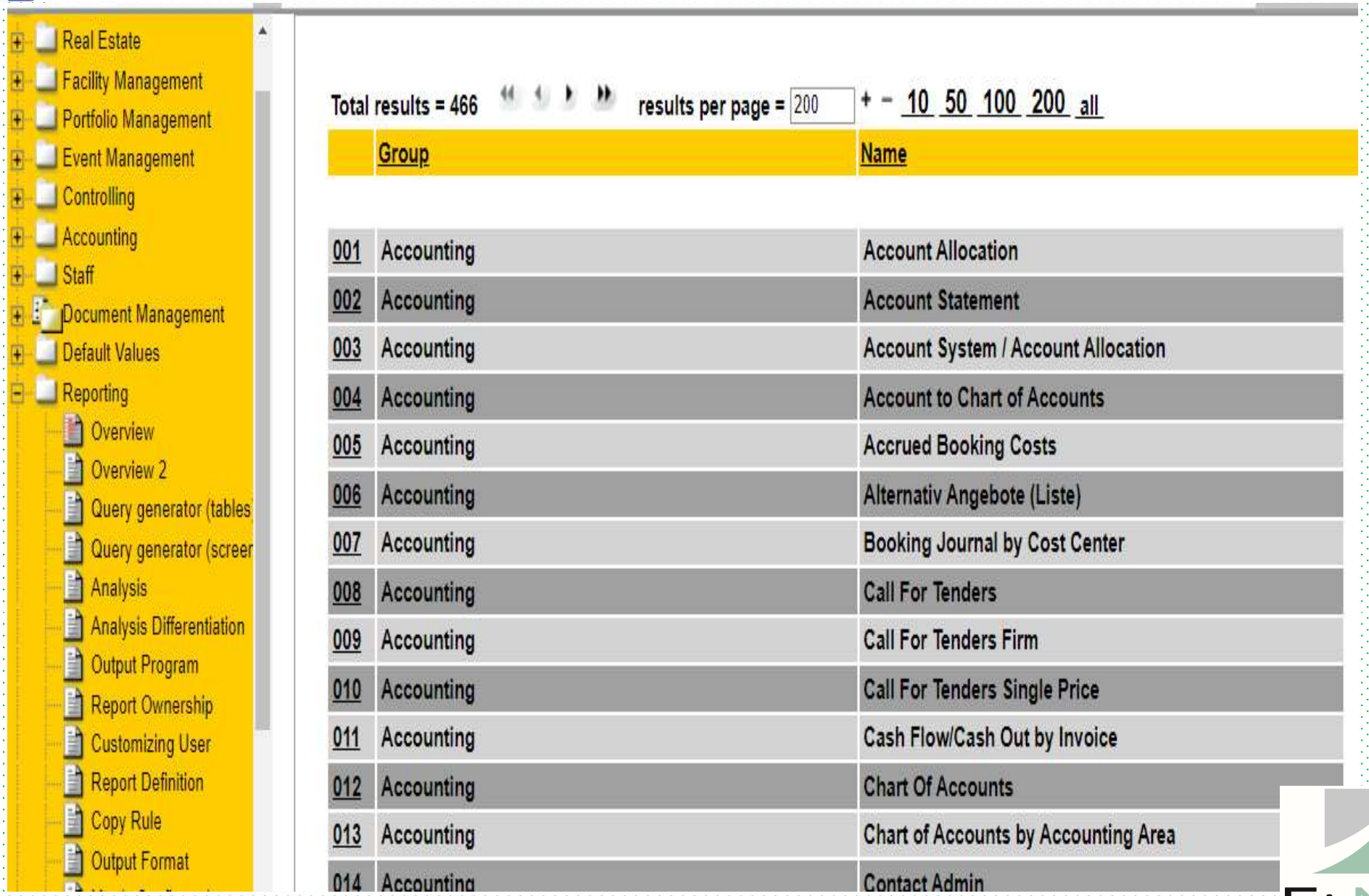
Reports

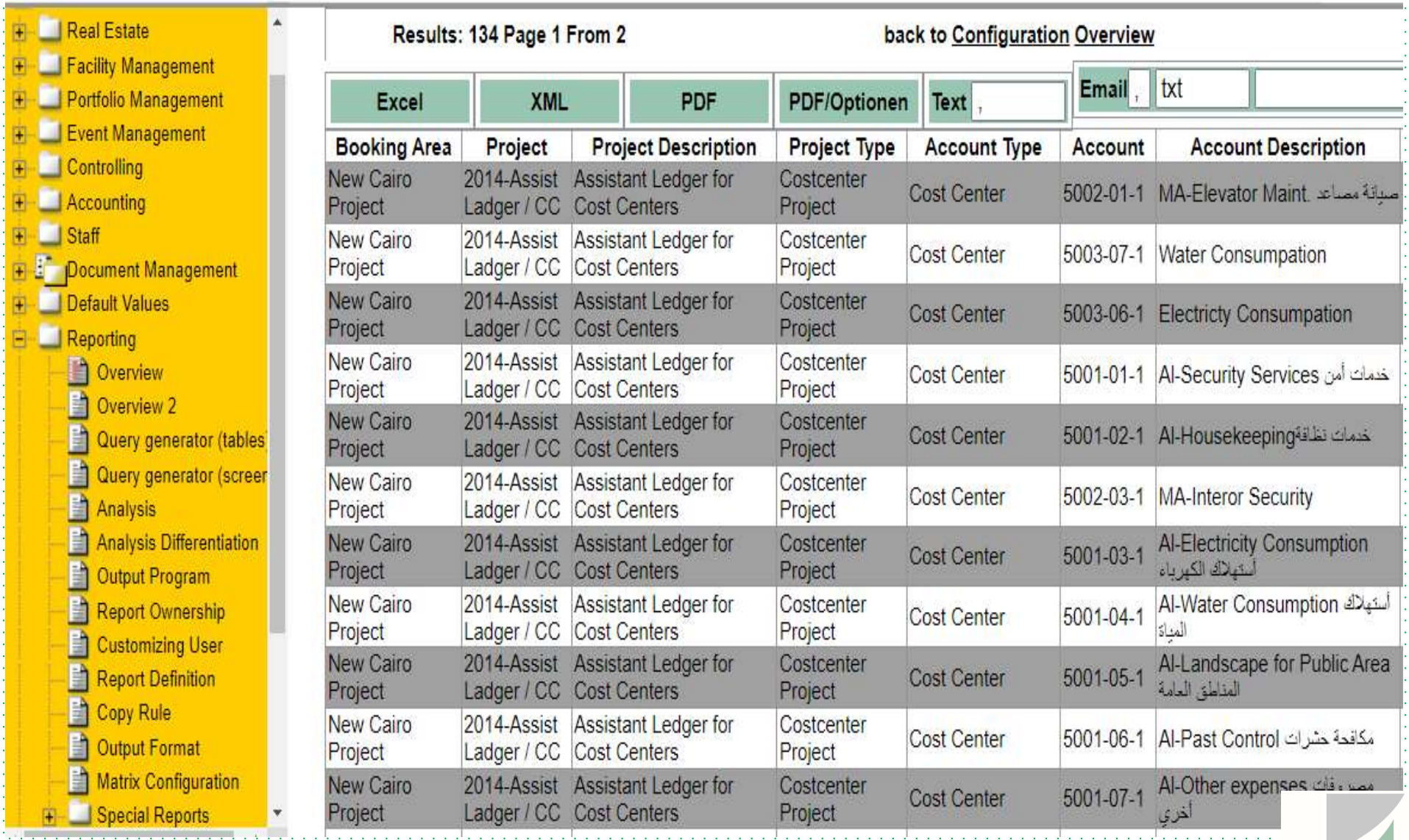
i. More than 1500 standard reports.

ii. User can create his own reports

iii. Excel & PDF are the print format.

iv. Ability to send printed reports by mail or txt.


Real Estate
Facility Management
Portfolio Management
Event Management
Controlling
Accounting
Staff
Document Management
Default Values
Reporting
Overview
Overview 2
Query generator (tables
Query generator (screer
Analysis
Analysis Differentiation
Output Program
Report Ownership
Customizing User
Report Definition
Copy Rule
Output Format
Total results = 466
results per page = 200
+ - 10 50 100 200 all
Group
Name
001 Accounting Account Allocation
002 Accounting Account Statement
003 Accounting Account System / Account Allocation
004 Accounting Account to Chart of Accounts
005 Accounting Accrued Booking Costs
006 Accounting Alternativ Angebote (Liste)
007 Accounting Booking Journal by Cost Center
008 Accounting Call For Tenders
009 Accounting Call For Tenders Firm
010 Accounting Call For Tenders Single Price
011 Accounting Cash Flow/Cash Out by Invoice
012 Accounting Chart Of Accounts
013 Accounting Chart of Accounts by Accounting Area
014 Accounting Contact Admin



Printed Report

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Graphical Representation

- Monthly Power Consumption
- Monthly Water Consumption
- Workorders
- Resource Booking
- Conference Room Utilization
- Current Meter Peak
- Conference Room Booking
- AC-Fan-Overview
- Utilization by Nationality
- Utilization by Religion

Performance Dashboard

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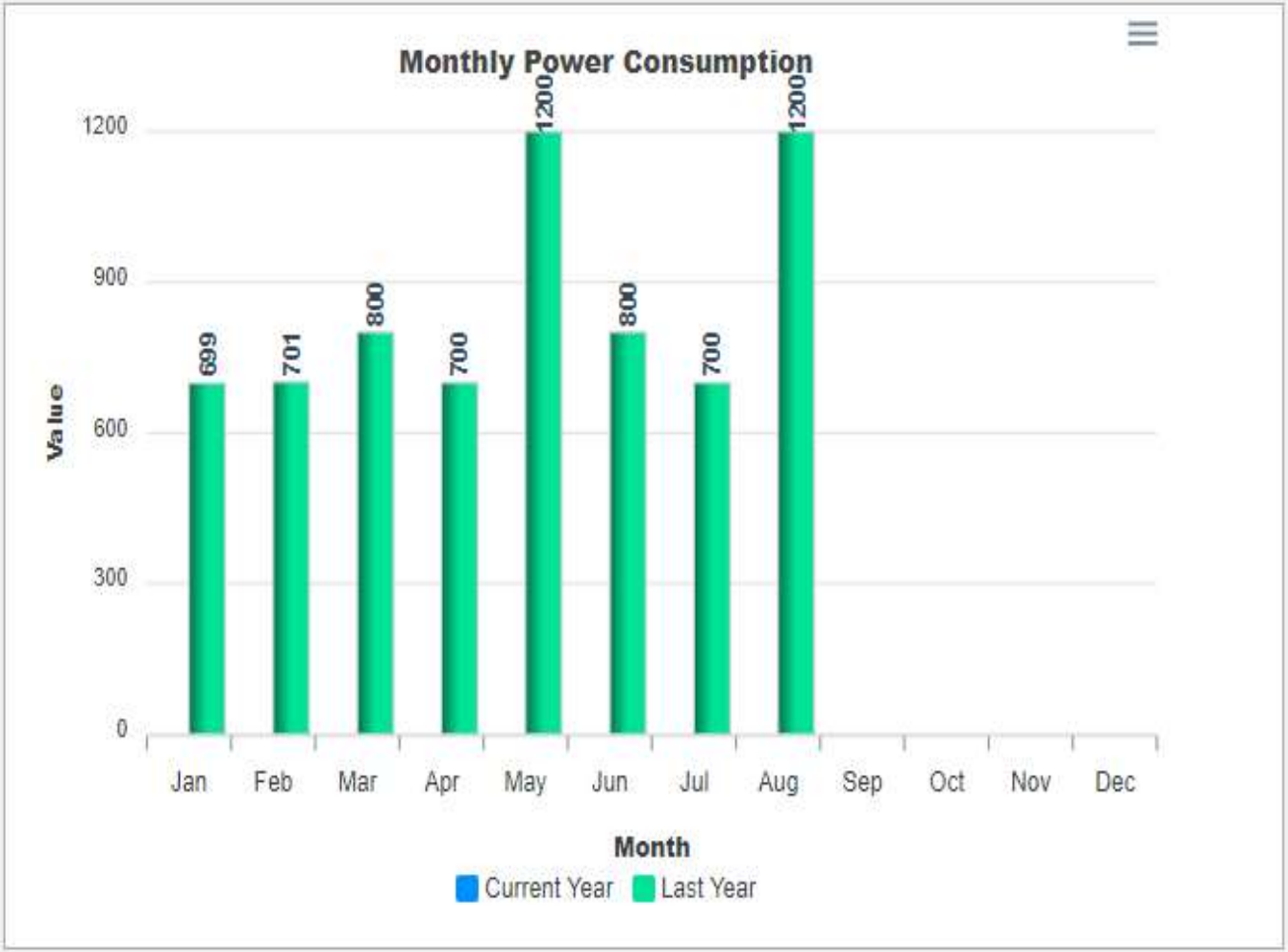
Graphical Representation

- Monthly Power Consumption
- Monthly Water Consumption
- Workorders
- Resource Booking
- Conference Room Utilization
- Current Meter Peak
- Conference Room Booking
- AC-Fan-Overview
- Utilization by Nationality
- Utilization by Religion



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Examples for FaMe FM services management but not limited to:

1. Waste Management
2. Smart Lights poles

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Waste Bin Management

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INT > Real Estate > Assets > Article **Article**

CC US|50|10|10 ! Place in CAD

US Standard
50 Disposal
10 Waste
10 Undefind

Description (short) WAS-CO ! S

Data sheet No. 99$ US5$ 0000000010 S

Description (long) Wastes Collection Container ! S

Description Waste Container 5 m3

Barcode

Article Group

Description (short)

Data sheet No.

Description (long)

Article Group

Waste Bins Basic Information

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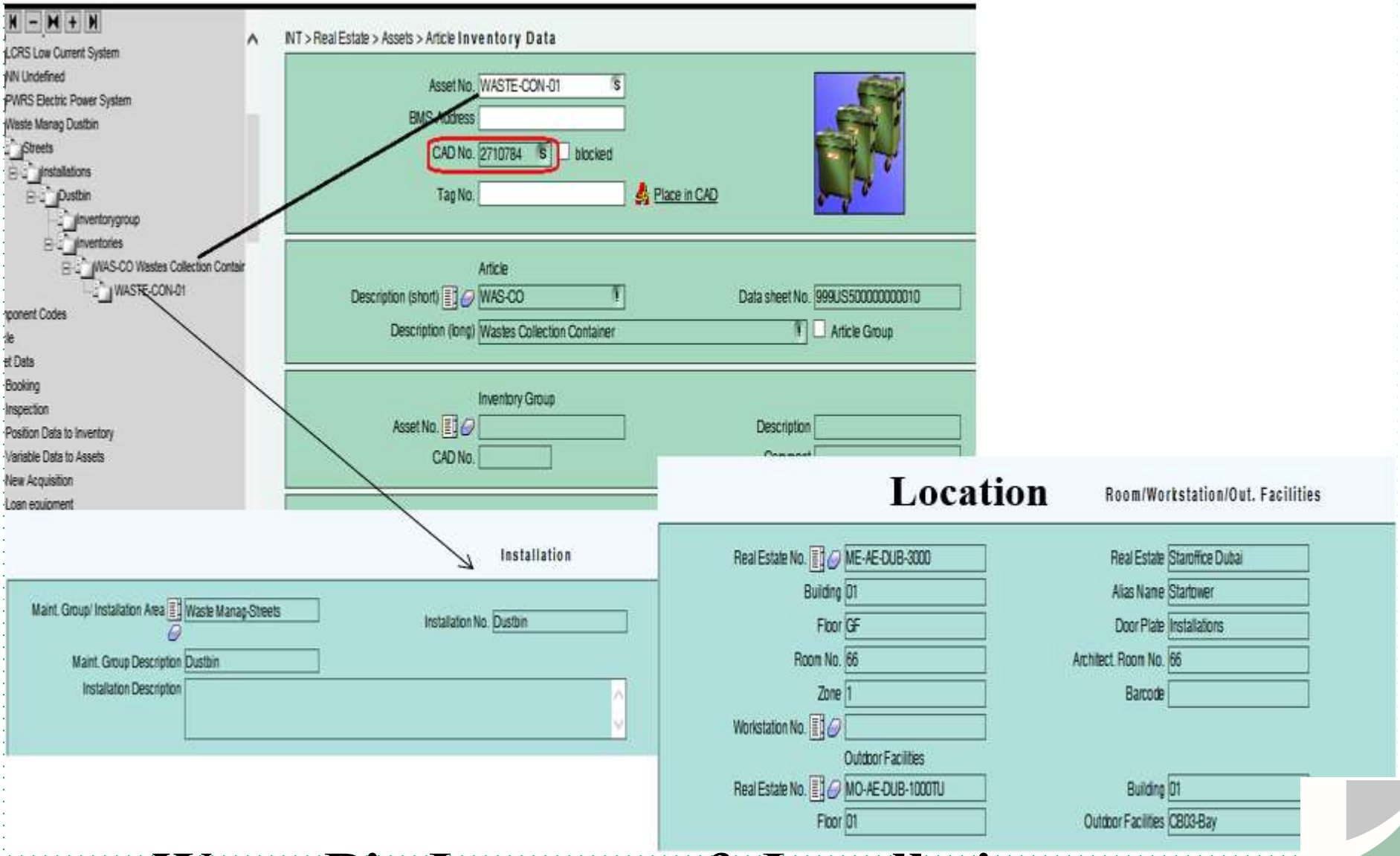

Waste Bin Inventory & Installation

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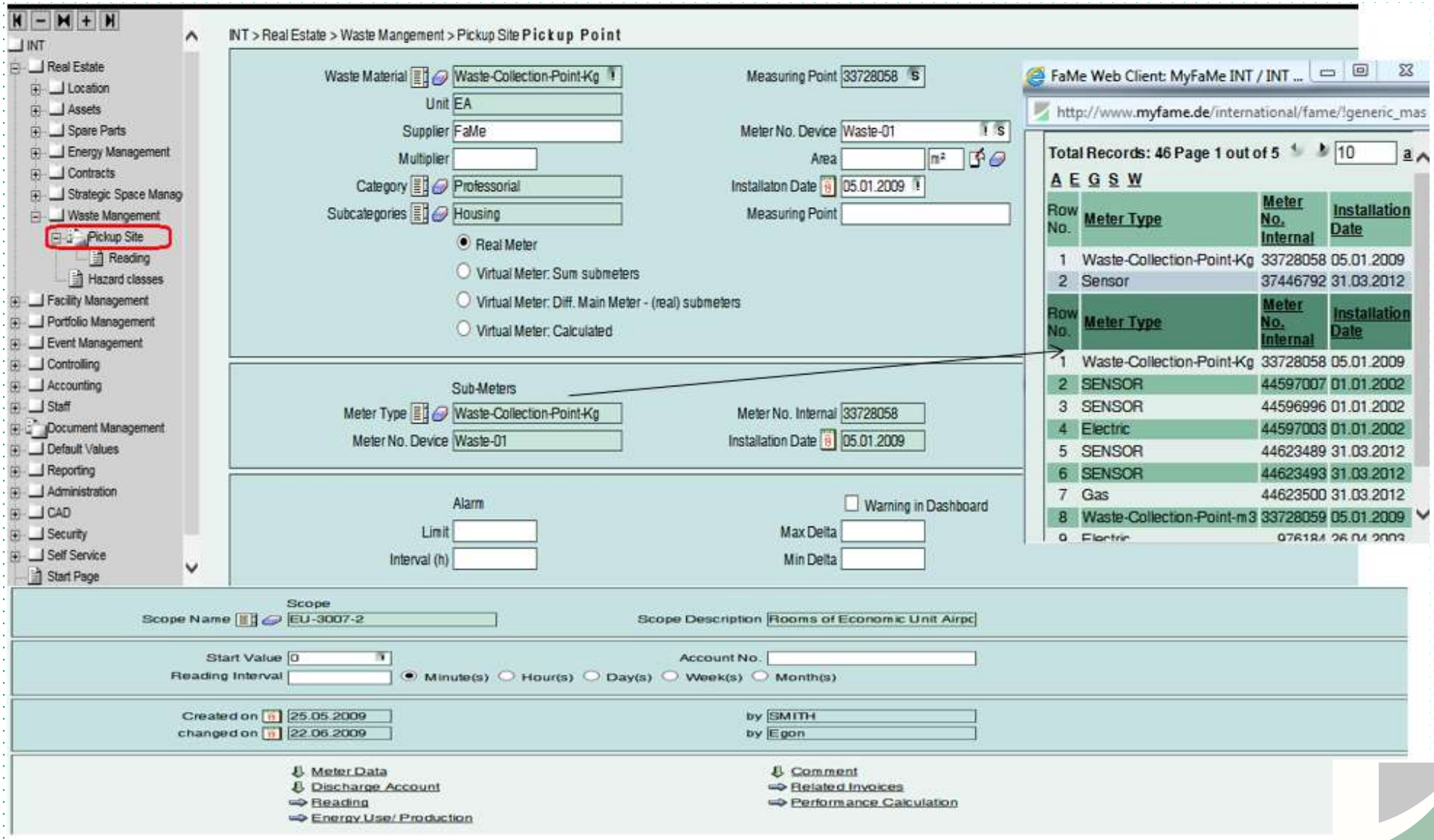

Pick Up Point – Page (1)

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Meter Data

Inventory

Inventory No.	WASTE-CON-01	Description (short)	WAS-CO
CAD No.	2710784	Description (Long)	Wastes Collection Container
Real Estate	ME-AE-DUB-3000		
Building No.	01	Building	Startower
Floor	01	Room No.	66
Zone	1		

Old Meter

Meter Type	Waste-Collection-Point-m3	Meter No. Internal	33728059
Meter No. Device	Waste-02	Installation Date	05.01.2009

Weather Station

Station No.	003	Description	Dubai Airport

Discharge Account

Project / Cost Carrier	Service-FaMe-Airport-2010	Accounting Area	FaMe-English
Project Description	Costcenter for Ordercontract Airport FaMe 2010		
Account Number	C18001	Account Name	Waste Collection

Pick Up Point – Page (2)

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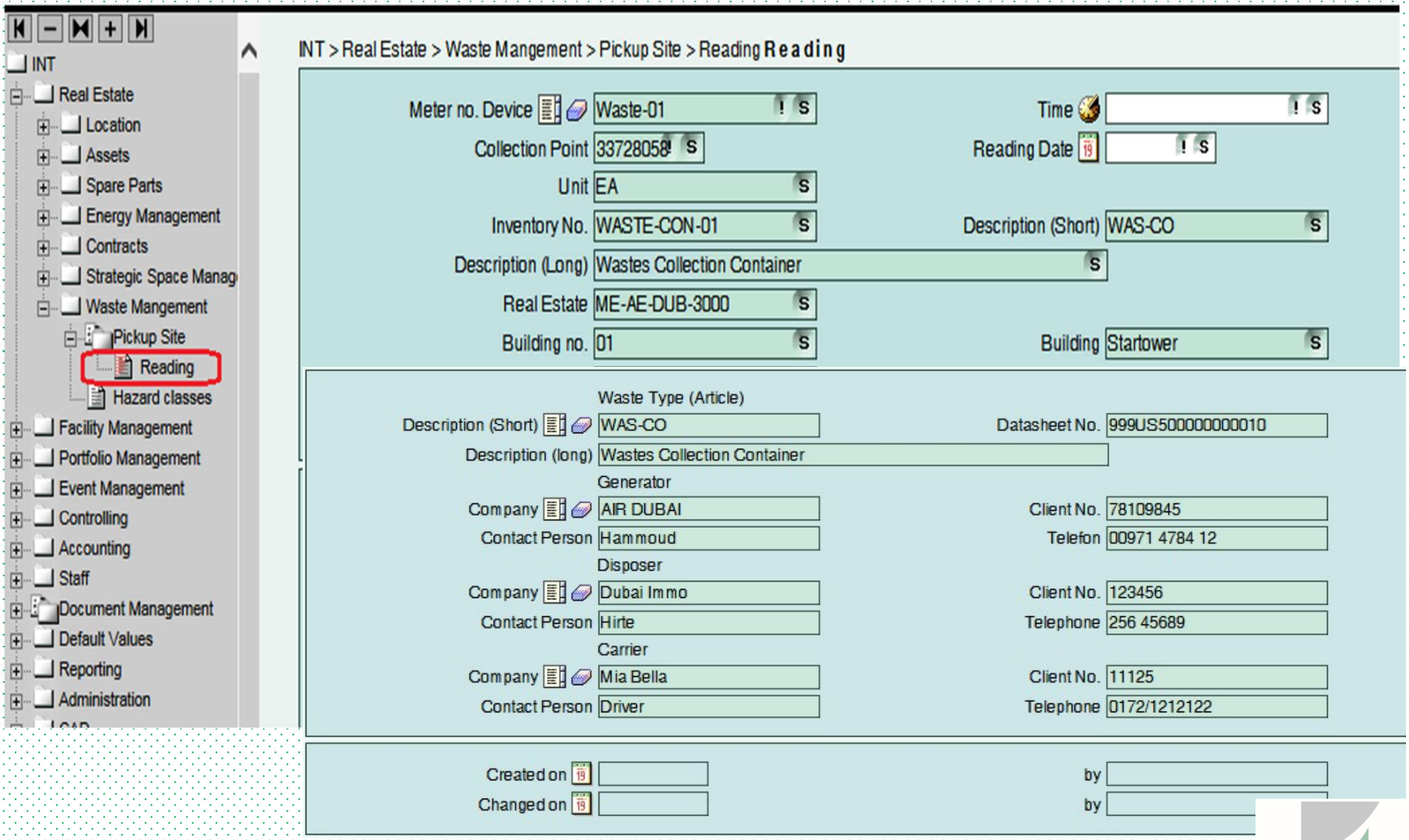
INT
Real Estate
Location
Assets
Spare Parts
Energy Management
Contracts
Strategic Space Manag
Waste Mangement
Pickup Site
Reading
Hazard classes
Facility Management
Portfolio Management
Event Management
Controlling
Accounting
Staff
Document Management
Default Values
Reporting
Administration
INT > Real Estate > Waste Mangement > Pickup Site > Reading Reading
Meter no. Device
Waste-01
Time
Collection Point
33728058
Reading Date
Unit
EA
Inventory No.
WASTE-CON-01
Description (Short)
WAS-CO
Description (Long)
Wastes Collection Container
Real Estate
ME-AE-DUB-3000
Building no.
01
Building
Startower
Waste Type (Article)
Description (Short)
WAS-CO
Datasheet No.
999US500000000010
Description (long)
Wastes Collection Container
Generator
Company
AIR DUBAI
Client No.
78109845
Contact Person
Hammoud
Telefon
00971 4784 12
Disposer
Company
Dubai Immo
Client No.
123456
Contact Person
Hirte
Telephone
256 45689
Carrier
Company
Mia Bella
Client No.
11125
Contact Person
Driver
Telephone
0172/1212122
Created on
by
Changed on
by

Reading

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Smart Light Poles

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INT > Real Estate > Assets > Article **Article**

CC 80|20|03|10 ! Place in CAD

80 Outside Facility
20 Streets, Ways
03 Road Lights
10 Street lamp

Description (short) OUT-LG ! S

Data sheet No. 99S 802S 0000001122 S

Description (long) Street-Lights ! S

Description Designed to meet recommended luminance and illuminance requirements for local to Major roadway / street classifications.
120-277 volt and 347-480 volt available.

Barcode

Article Group

Description (short)

Data sheet No.

Description (long)

Article Group

Street Poles Basic Information

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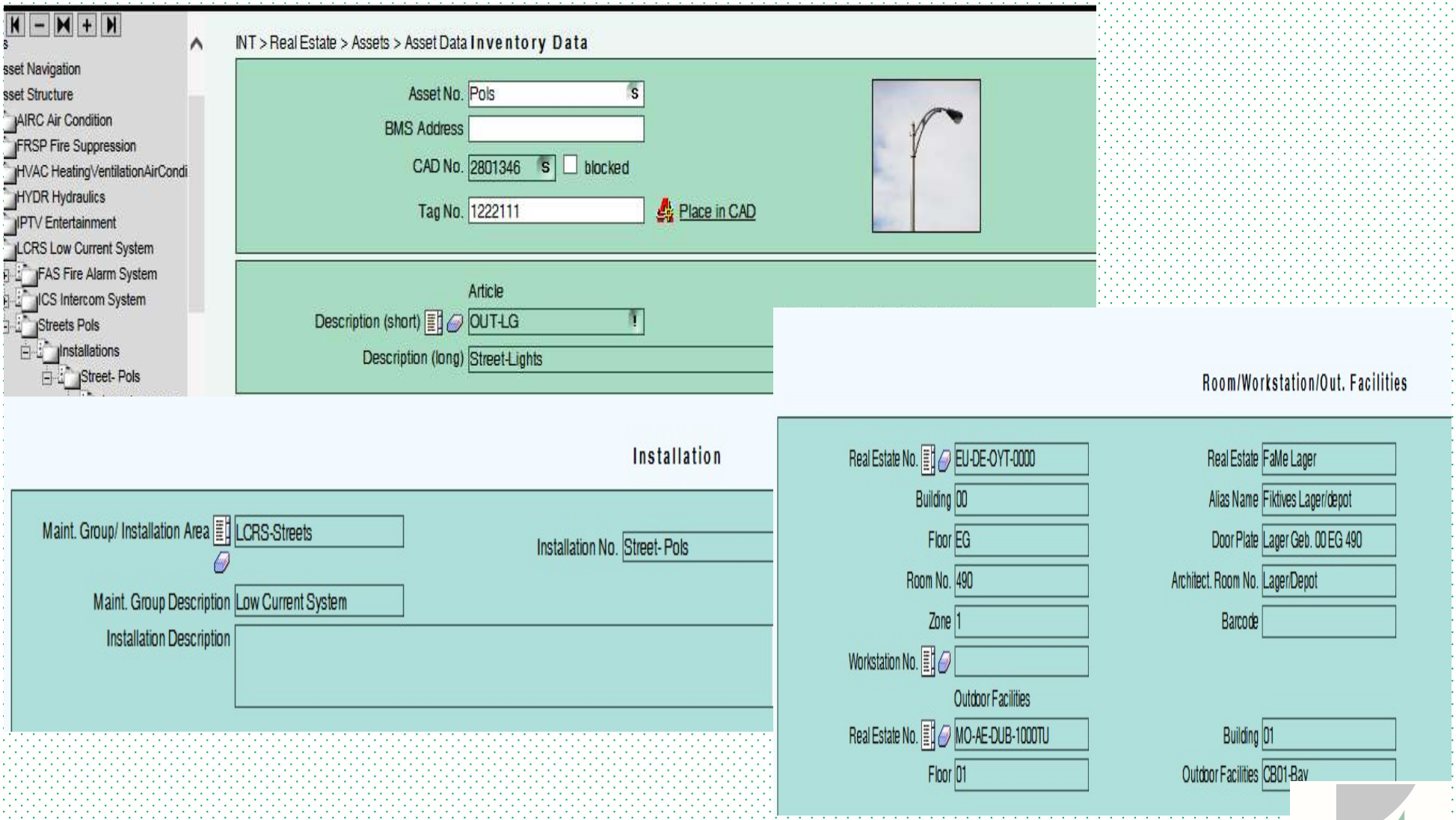

Street Poles Inventory & Installation

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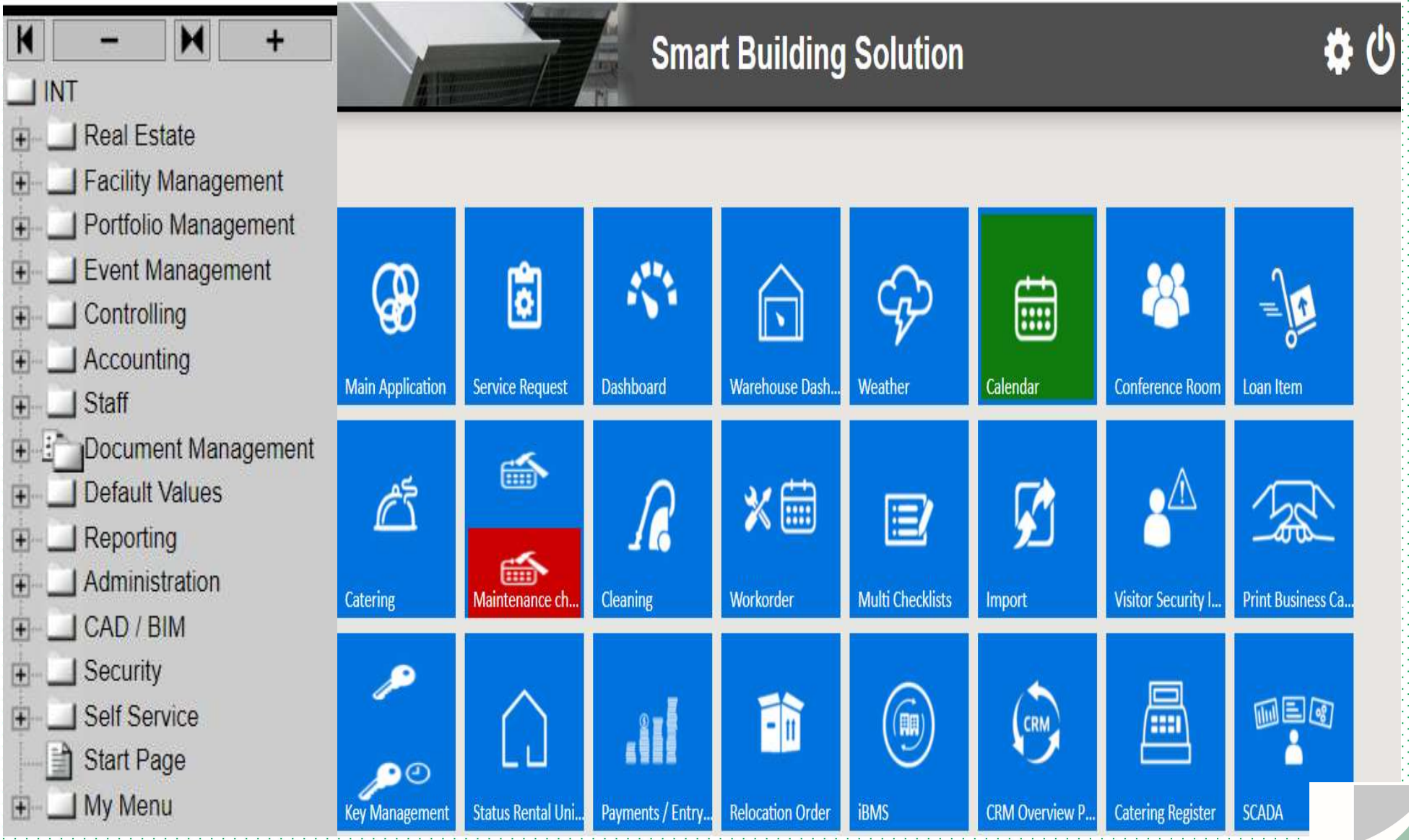

English Language

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Arabic Language

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- For more information about other solutions, please visit FaMe FM official website

https://www.fame-online.de/ar

Arabic version under (المنتجات)

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