



**TRAINING CENTER**  
**BIM CONSULTANCY**  
**BIM PRODUCTION**  
**FACILITY MANAGEMENT**

**EXPERTISE TRAINING CENTER**

AUTODESK | BIM | ADOBE | V-RAY | RHINO | ETABS | BENTLEY | PMI | FIDIC | FM:Systems







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# MISSION

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## **We teach aspiring individuals.**

Our mission is to deliver extensive courses on state-of-the-art software applications to allow our students to advance their careers, increase their income, and improve their life.

## **We assist our corporate clients.**

In addition to training their employees, we assist our corporate clients in producing deliverables for their BIM projects to meet tender requirements given a tight budget. We also offer our clients advanced solutions such as Facility Management from FM:Systems.



# HISTORY

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- 2005 • **ETC** was established in Beirut - Lebanon
- 2006 • **ETC** started to offer Revit Courses.
- 2007 • **ETC** delivered Revit courses at Dar Al Handassah.
- 2008 • **ETC** delivered Revit courses at BEMCO and ACE.
- 2009 • **ETC** delivered Revit courses at the Lebanese Army Engineering Directorate.
- 2010 • **ETC** started its first branch in Achrafieh.
- 2011 • **ETC** became Authorized Training Center for Autodesk and Rhino.
- 2012 • **ETC** became Authorized Training Center for Adobe and V-Ray.
- 2014 • **ETC BIM** managed the Bahrain Airport Extension.
- 2015 • **ETC** became FM:Systems Middle East Reseller.  
**ETC BIM** managed the ABC Mall in Beirut.  
**BIM** International was born.
- 2016 • **ETC** started to offer courses in Nigeria - Africa.



## CREDENTIALS

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**AUTHORISED**  
Training Centre

**CHAO2GROUP**  
V-Ray Training Center



## SERVICES

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### TRAINING

Autodesk  
Adobe  
V-Ray  
Rhino CSI  
Bentley  
Primavera  
PMI  
FM:Systems  
FIDIC

### CONSULTANCY & PRODUCTION

BIM Production  
3D Visualization  
Video Clips

### SOLUTIONS

Facility Management

## KEY SOFTWARE

### ADOBE

Photoshop  
Illustrator  
InDesign  
After Effects  
Premiere  
Dreamweaver

### AUTODESK

Revit  
AutoCAD  
3DS Max  
Robot Structure  
Navisworks  
AutoCAD Civil 3D  
Maya

### RHINO

Rhino  
Grasshopper

### CSI

ETABS

### CHAOSGROUP

V-Ray

### BENTLEY

Hevacomp

### ORACLE

Primavera

### PMI

PMP

### FIDIC

## CURRENT MARKET

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## FUTURE MARKET

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# WHY ETC?

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We customize our courses.

We provide online review exams.

We carefully select our expert instructors.

We strive for client satisfaction.

We issue international certificates.

We stand by our commitments.

## MAJOR PROJECTS

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Bahrain Airport Extension - **ETEC/ Bahrain**



Total Compound - **Nigeria**



Ksueh Hospital - **Jordan**



St. Georges Tower -  
**Achrafieh, Lebanon**

To see more sample projects, please visit our website:  
[www.etc-cc.com](http://www.etc-cc.com) > BIM Projects

**ETC EXPERTISE TRAINING CENTER**

**AUTODESK** Authorized Training Center  
**Adobe** Authorized Training Center  
**CHACERGROUP** V-Ray Training Center  
**RhinoCeros** 3D MAX Modeling for Windows

Home About Us Courses Schedule Waiting List References CVs Jobs Links Road Map Contact Us Online Exams

**Building Design Architecture Design Graphic Design Industrial Design Facilities Management MBA Edu**

**BIM Architecture** **BIM MEP** **BIM Structure** **BIM Civil** **Project Management**

**View Courses** **View Courses** **View Courses** **View Courses** **View Courses**

**Welcome to our world of knowledge and inner fulfillment.**

Please select your country or the one nearest to you: (Lebanon)

**ETC Mission**

Our mission is to deliver extensive courses on state-of-the-art software applications to allow our students to advance their careers, increase their income, and improve their life. Therefore, we provide employers with highly trained and motivated individuals who have the skills to meet the technical challenges of a demanding market.

**Branches**

**Lebanon:**

1. Obeyeh, Achrafieh, Down Town, and Tyre
2. Mobile Lab: Zahle, Saida, Chah, and Chekik

**Middle East:**

1. UAE, Saudi Arabia, Iraq, Oman, Jordan

**Credentails**

**FM:Systems** Certified Reseller

1. Autodesk Authorized Training Center
2. Autodesk Training Center
3. Adobe Authorized Training Center
4. V-Ray Authorized Training Center
5. Rhino Authorized Training Center
6. Bentley Training Center
7. CSI Training Center
8. FM:Systems Certified Reseller

**Testimonials**

SABIS creative team thoroughly enjoyed taking courses at ETC and it more than exceeded our team's expectations. The instructors' proficiency in technology, the up-to-date materials, the well-equipped classrooms, and the friendly and supportive staff all contribute to a first-rate training environment. It is a

**About ETC in 45 seconds** (See All Videos)

**About ETC Training Center in 45...**

To learn more about Expertise Training Center, watch this 45 sec video.

**BIM PROJECTS**

**6D BIM** Facilities Management

Facebook YouTube

## CLIENTS

### BUSINESS CLIENTS



خطيب و علمي  
— شركة الإتحاد الهندسي —  
**Khatib & Alami**  
— Consolidated Engineering Company —



**almabani**



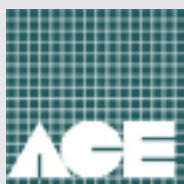
**Rafik El-Khoury & Partners**  
Consulting - Engineers



**dar al-handasah**  
shair and partners



**Nesma**  
& Partners



**I.T.B. Nigeria Limited**



**BUTEC**

To see more references, please visit our website:

[www.etc-cc.com](http://www.etc-cc.com) > References



## UNIVERSITIES



**AUB** American University of Beirut



الجامعة العربية المفتوحة  
Arab Open University



Lebanese University



## TRAINING



**ETC - Beirut - Lebanon**



**Dar - Beirut (Client Facility)**



**Oman - Middle East**



**ITB Nigeria - Africa**

## BIM PROJECT - ABC MALL

### SAMPLE PROJECT | OVERVIEW

Revit Architecture - Structure - MEP  
Navisworks

### ABC Mall - Beirut, Lebanon

**Project:** ABC Verdun Street

**Employer:** Verdun Mall S.A.L.

**Engineer:** D.G. Jones & Partners (ME) Ltd S.A.R.L.

**Consultant:** Khatib & Alami S.A.L.

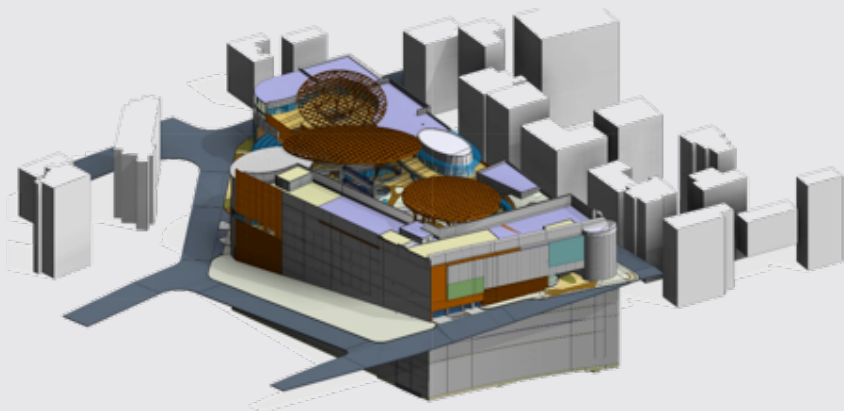
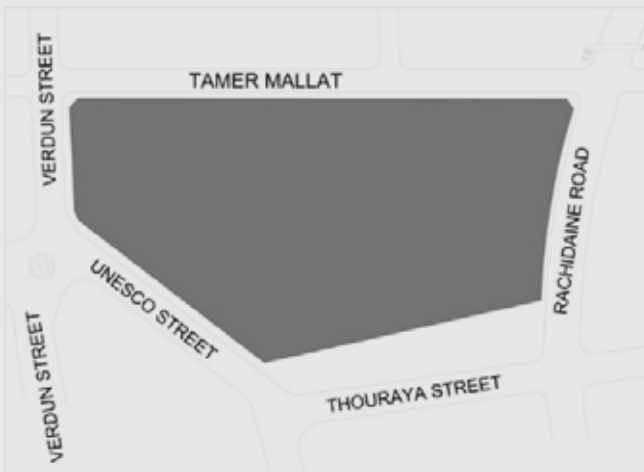
**Main Contractor:** MAN Enterprise S.A.L.

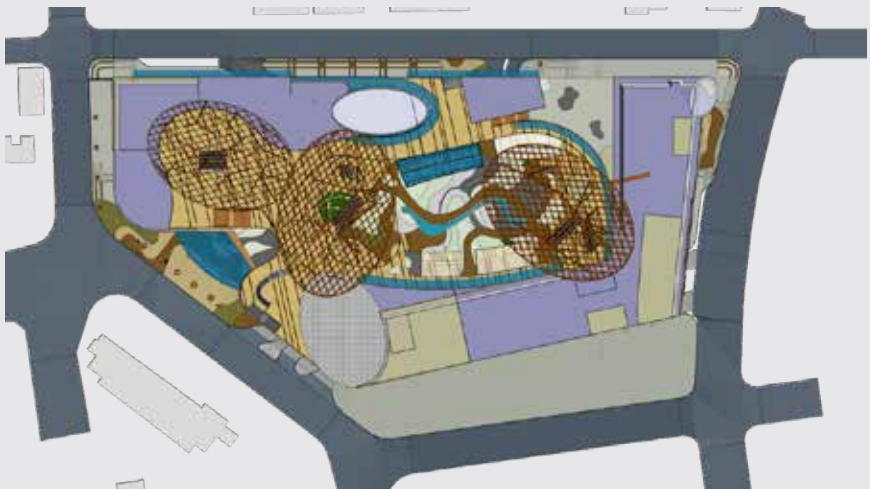
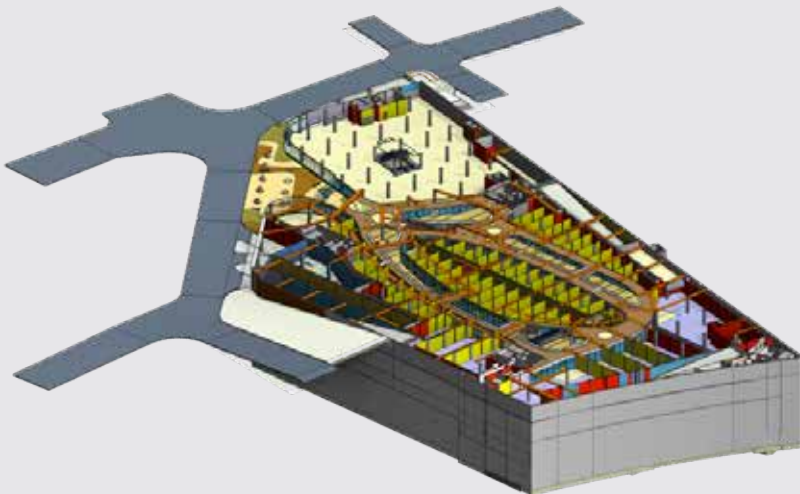
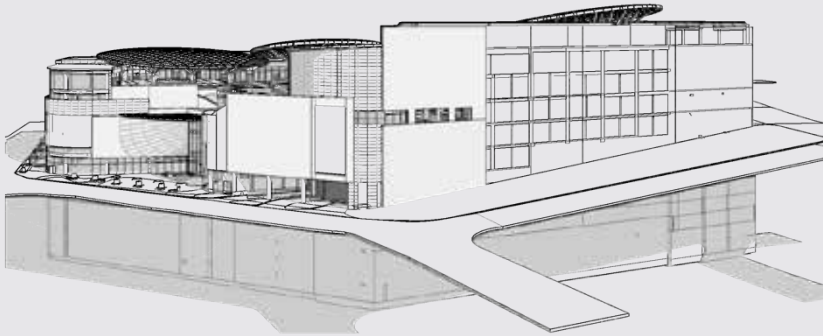
Total Built-up Area: 146,900 sqm (1,576,912 sq ft)

# BIM

## INTERNATIONAL

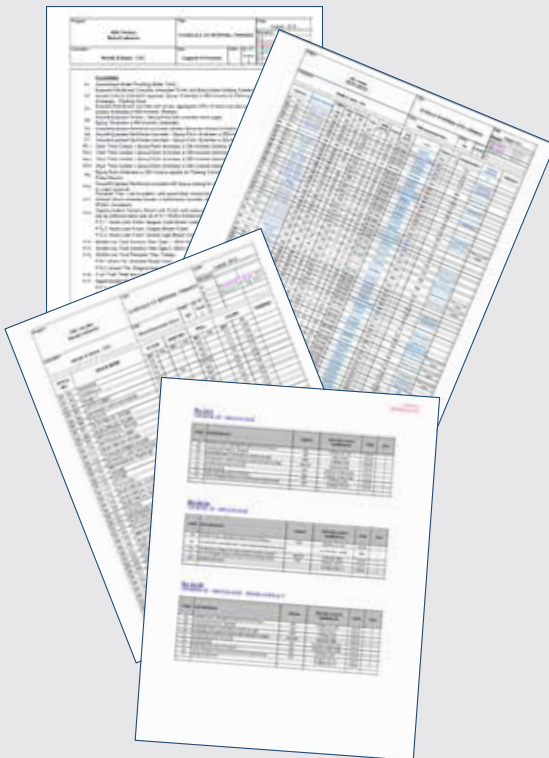
OUR BIM PRODUCTION  
BRANCH







# RECEIVABLES



## Plans from all Disciplines

Stairs Details

## Finishes Schedule

Sections

Excavation Plan

## Opening Schedule

Bill of Materials

Elevations

Column Schedule

Structural Plans

## Partial Section

Circulation Plans

Elevator Drawings

Landscape Plans

Site Topography

Louvers Schedule

## Schedule of Finishes

Parking Ramps

Skylight Details

## Wall Section

Mechanical Accessories

## Timber Hardware Sets

Sets of Relevant Information

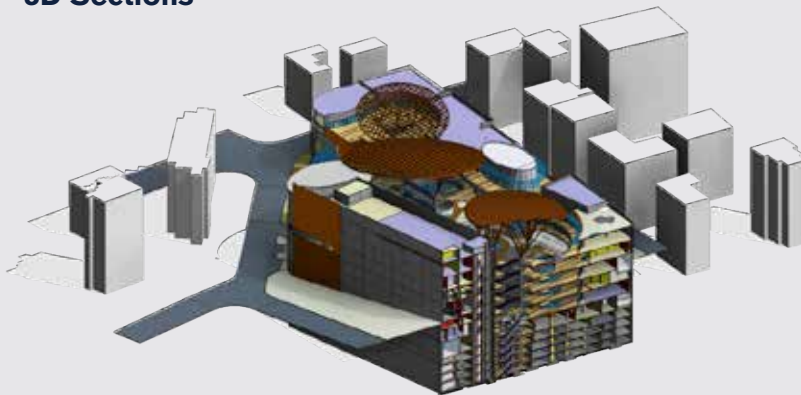


# DELIVERABLES

## 3D Views



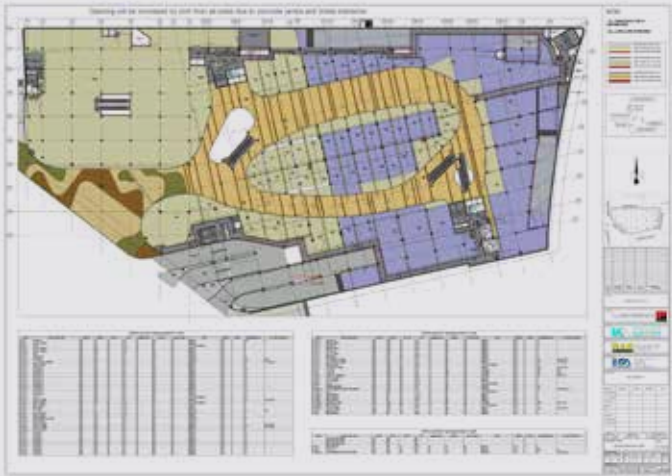
## 3D Sections



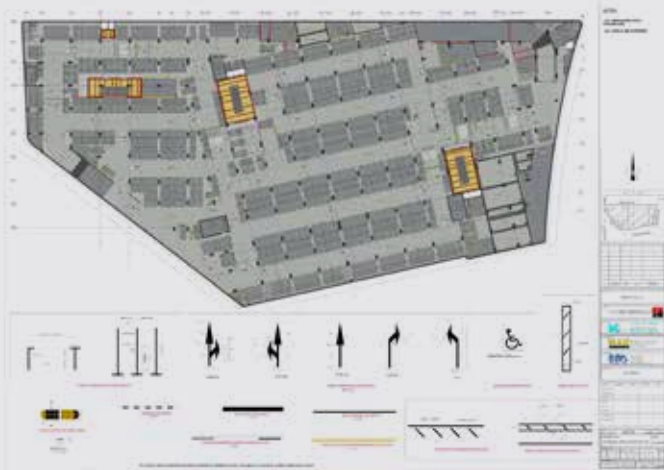
## Elevations



## Masonry Layout



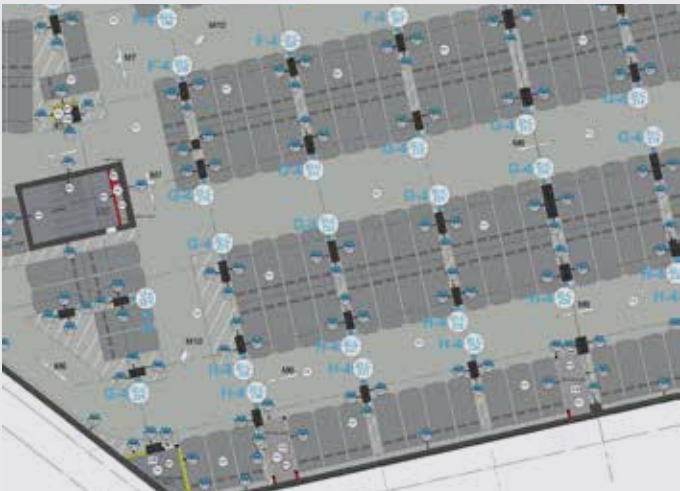
## Circulation Layout



## Materials and Paint Finishes



Finishing Enlarged



Mechanical



BOQ

The screenshot shows a software interface with a Bill of Materials (BOQ) table. The table has columns for Item, Description, Quantity, and Unit. The items are listed in a hierarchical manner, starting with 'MECHANICAL' and then listing various components like 'DUCTWORK', 'EQUIPMENT', and 'ACCESSORIES'. The quantities and units are specified for each item.

Item	Description	Quantity	Unit
MECHANICAL			
DUCTWORK			
EQUIPMENT			
ACCESSORIES			

## 3D VISUALIZATION - 3DS Max & V-Ray

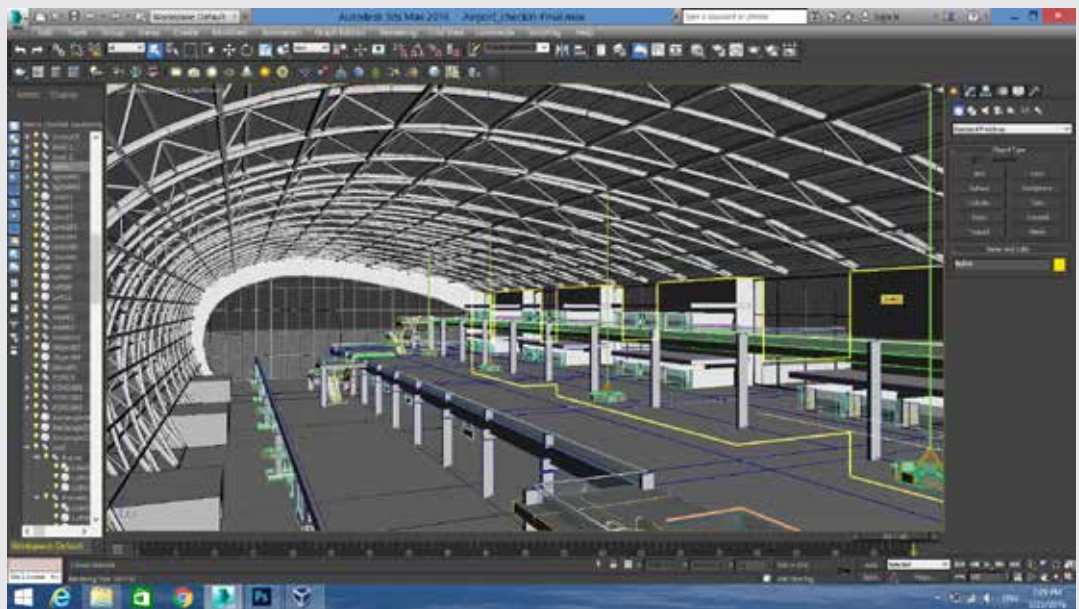


**Before**

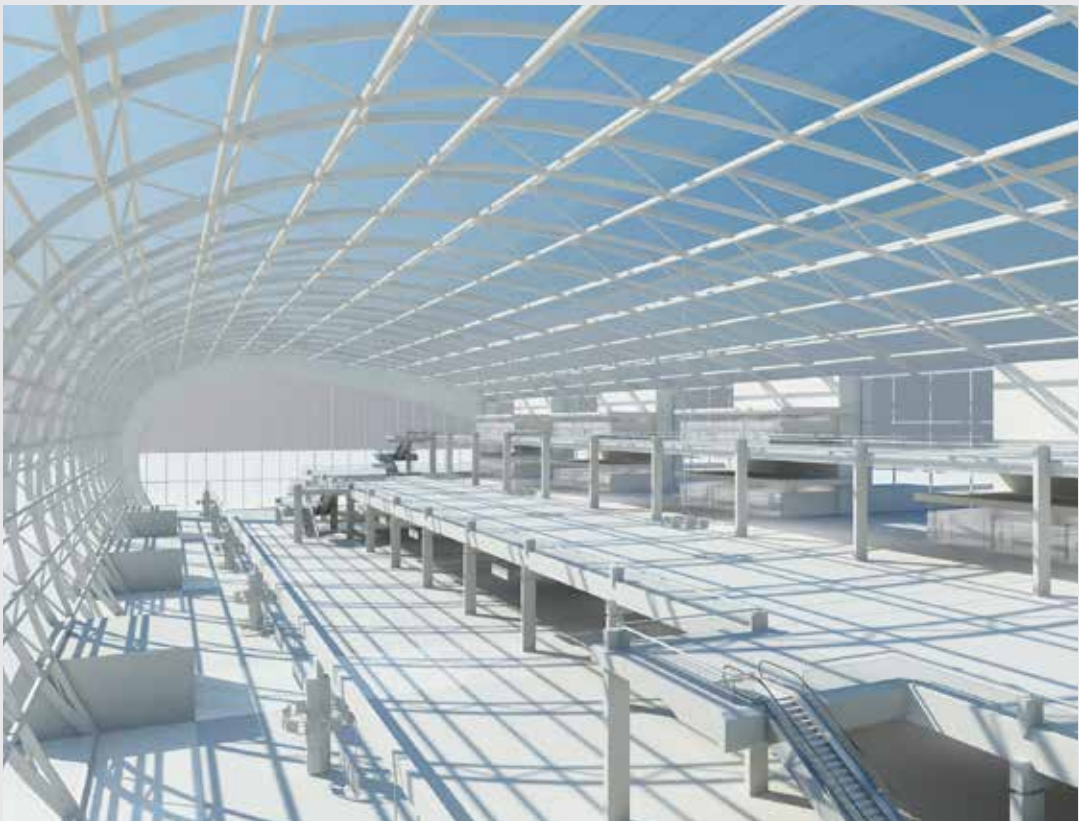


**After**





**Before**



**After**



# FACILITY MANAGEMENT SOLUTION

*BIM COMPLIANT*



## Space Management

Improve occupancy rates and space utilization with detailed space inventories, accurate occupancy data, and facilities benchmarks. Track departmental allocations and easily produce chargeback reports. Link facility information to the detailed spatial information in your **AutoCAD** drawings or **Revit** models and use a **Web** browser to navigate and visualize real-time facility data on your floor plans. Provide space and occupancy data to support business continuity planning.

## Asset Management

Easily track furniture, equipment, computers, life safety systems, artwork and any other physical assets. Automatically track furniture from CAD symbols and assets by location and ownership. Search assets either on the floor plan or within the database with graphical queries. Interface with bar-code systems to quickly and easily enter and track assets.

## Space Reservation

In today's high paced facilities environments, employees and teams need access to meeting space suited to their specific needs. Hoteling enables organizations to provide a method for allowing employees to reserve work space on an as-needed rather than a constantly reserved basis. Room Scheduling provides employees and teams access to meeting space suited to their specific needs including looking up and reserving meeting space based upon size, layout and installed amenities.

## Strategic Planning

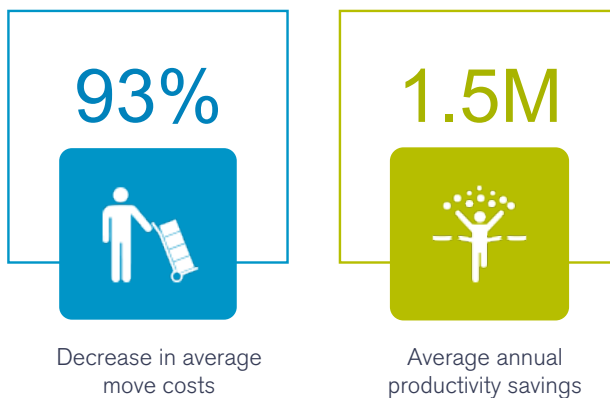
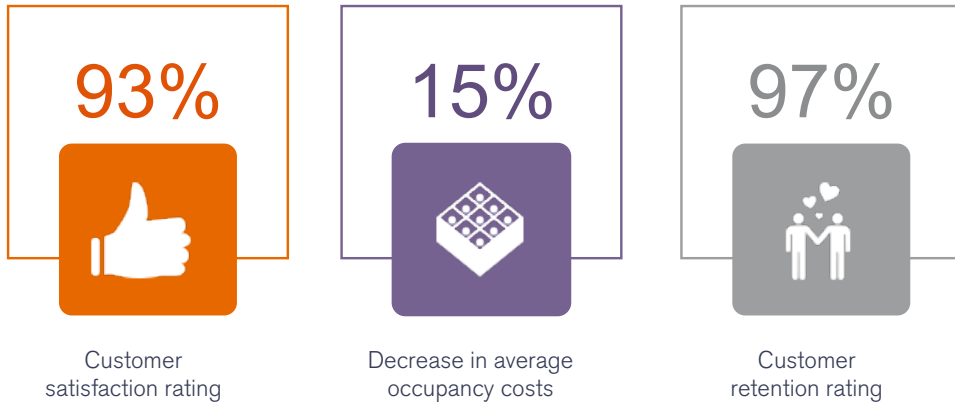
Align real estate and facilities plans with business operations by analyzing headcount requirements and forecasting future space needs. Translate headcount forecasts into spatial requirements. Quickly and easily restack buildings and floors with an intuitive visual stacking tool. Create multiple "what if" scenarios and stacking plans to uncover opportunities for portfolio savings.

## Facility Maintenance

Streamline work order and preventive maintenance processes for maintenance supervisors, technicians and vendors with automatic notifications, mobile access and detailed reports. Improve internal customer satisfaction with Web-based service request forms and work order status views.



**FM:Systems believes it has a unique set of differentiators which leads to a superior experience and long-term customer satisfaction.**



## WHAT MAKES FM:Systems UNIQUE?



- 1- Easy to use
- 2- Modular suite
- 3- Scalable and Flexible
- 4- Seamless integration
- 5- Configurability

# DECREE MINISTRY OF EDUCATION 224/2006

٨٩٦ / ٢٠٠٦

الجمهورية اللبنانية  
وزارة التربية والتعليم العالي  
المديرية العامة للتعليم المهني والتقني

قرار رقم ٢٢٤/٢٠٠٦

١ أيار ٢٠٠٦

إجازة استثمار مدرسة تدريب مهني خاصة  
باسم "أكسبرتيز ترينغ سنتر"  
في زوق الخراب (قضاء المتن) وتعيين مدير لها

ان وزير التربية والتعليم العالي،  
بناء على المرسوم رقم ١٤٩٥٣ تاريخ ٢٠٠٥/٧/١٩ (تشكيل الحكومة)  
بناء على القانون رقم ٦٤/٦٢ تاريخ ١٩٦٤/١٢/٣٠ (تنظيم التعليم المهني الخاص)  
بناء على المرسوم رقم ٤٨١٥ تاريخ ١٩٦٦/٦/٢٥ (تنظيم اصول وشروط الترخيص بفتح  
مدارس مهنية خاصة)  
بناء على المرسوم رقم ٧٨٨٠ تاريخ ١٩٦٧/٧/٢٥ وتعديلاته (تنظيم حقول ومراحل  
وشهادات التعليم المهني والتقني)  
بناء على المرسوم رقم ١٥١٧٦ تاريخ ١٩٧٠/٨/٣١ (إعادة تحديد الشروط العلمية والمهنية  
الواجب توفرها في مديري المدارس المهنية الخاصة)  
بناء على المرسوم رقم ١٧٤٣٩ تاريخ ٢٠٠٦/٧/١١ (الترخيص بإنشاء مدرسة تدريب مهني  
خاصة باسم "أكسبرتيز ترينغ سنتر" في زوق الخراب - قضاء المتن)،  
بناء على الاستدعاء المقدم من السيد ناجي جان صفير والمسجل لدى المديرية العامة للتعليم  
المهني والتقني تحت رقم ٦/٦٣٦٧ تاريخ ٢٠٠٦/٨/٧ والمتضمن طلب اجازة استثمار  
المدرسة المذكورة وتعيين مدير لها،  
بناء على اقتراح المدير العام للتعليم المهني والتقني،  
يقرر ما يأتي:

المادة الأولى: اجيز للسيد ناجي جان صفير المولود سنة ١٩٦٤ بإستثمار مدرسة تدريب مهني  
خاصة باسم "أكسبرتيز ترينغ سنتر" الكائنة على القسمين A/٦ و A/٨ من العقار  
رقم ١١٥ من منطقة زوق الخراب العقارية - قضاء المتن وتعيين مدير لها كما هو  
مبين في المادتين الثانية والثالثة من هذا القرار.

المادة الثانية: يحق للمدرسة اداء التدريب المهني في اختصاصات لا تؤدي لذيول الشهادات  
الرسمية وهي التالية: الطباعة على الكمبيوتر- لغات الكمبيوتر- تصميم المواقع  
الالكترونية- تركيب وصيانة الكمبيوتر- التأهيل على الكمبيوتر- ربط شبكات  
الكمبيوتر- فني في الحاسب الآلي- اخصائي في تكنولوجيا المعلومات- التجارة  
والخدمات بواسطة الانترنت.  
يحدد العدد الأقصى للطلاب في كل مرحلة من كل إختصاص بـ (١٥) خمسة  
عشر طالبا.

المادة الثالثة: يدير المدرسة السيد ناجي جان صفير المولود سنة ١٩٦٤.

المادة الرابعة: يبلغ هذا القرار حيث تدعو الحاجة %.

بيروت في: ١٨ أيار ٢٠٠٦  
وزير التربية والتعليم العالي  
د. خالد قباني





# ETC REGISTRATION CERTIFICATE N°1627974

		الجمهورية اللبنانية وزارة المالية	
<h2>شهادة تسجيل مؤسسة</h2>			
		إسم المؤسسة : ناجي جان صغير الشهرة التجارية : أكسوتيز تريغ سنتر	
مدير الواردات الإمضاء:		عنوان المركز الفلنسي لواء : اثن منطقة : ضيه حي :	
هاتف : ٠٣/٣٣١٧٤١ فاكس : ص.ب. رقم : منطقة :		شارع : العام مبنى : صغير طابق : ٠	
رقم التسجيل : ١٦٢٧٩٧٤		أعطيت في : ٢٠٠٩-٠٩-١٢	
لؤي الحاج شحادة			
			
بطاقة تسجيل مؤسسة		بطاقة تسجيل مؤسسة	
إسم المؤسسة : ناجي جان صغير الشهرة التجارية : أكسوتيز تريغ سنتر		إسم المؤسسة : ناجي جان صغير الشهرة التجارية : أكسوتيز تريغ سنتر	
رقم التسجيل : ١٦٢٧٩٧٤ أعطيت في : ٢٠٠٩-٠٩-١٢		رقم التسجيل : ١٦٢٧٩٧٤ أعطيت في : ٢٠٠٩-٠٩-١٢	
مدير الواردات لؤي الحاج شحادة		مدير الواردات لؤي الحاج شحادة	

## HEAD OFFICE - DBAYEH, LEBANON

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### **DBAYEH - Overlooking le Royal Hotel**

Behind BPI - Jean Sfeir Residence

### **ACHRAFIYEH - Mar Mikhael - El Nahr Road**

### **DOWN TOWN - Lazaristes Building (A2 - 1)**

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**Mobile** +961 3 331 741

**Fax** +961 4 543 909

**Email** [info@etc-cc.com](mailto:info@etc-cc.com)

**[www.etc-cc.com](http://www.etc-cc.com)**





# LEARN OR SUBLET

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**[www.etc-cc.com](http://www.etc-cc.com)**

 ETC Lebanon and the Middle East