

European Reference Projects



European Air Conditioning Operation

Our DVM systems have proved their performance and reliability all over the world



Location, Hungary
Project, Shopping Mall



Location, France
Project, Hotel



Location, Turkey
Project, University



Location, Turkey
Project, Princess Resort



Location, Germany
Project, Soccer Stadium



Location, Greece
Project, Restaurant



Location, Germany
Project, Business Park



Location, Czech Republic
Project, Apartment Building



Location, Turkey
Project, Hotel



Location, Turkey
Project, Office building



Location, Turkey
Project, Office Building



Location, Slovenia
Project, Utility Company



Location, Croatia
Project, Office & Residential Building



Location, China
Project, International Airport



Location, Saudi Arabia
Project, Medical Clinic



Location, South Africa
Project, Hotel



Location, Vietnam
Project, Hotel



Location, China
Project, International Airport



Location, Qatar
Project, Office Building



Location, Korea
Project, Residential Building



Location, Korea
Project, Soccer Stadium



Location, China
Project, Business Park



Location, Vietnam
Project, Hotel



Location, U.A.E
Project, Residential Building



Location, Korea
Project, Tourist Attraction



Location, India
Project, Training Center



Location, Austria
Project, Cityhall Traiskirchen

European DVM Reference Projects



Office

Baltic Business Park
ECCN
PGE Rzeszow
Baxter Generali
PFRON
Murawa Office Park
Swissport
Jornal Ocasiao

Sport & Leisure

Merkur Spielothek
Rose Bowl

Healthcare

Katharinum Center

Hotel

Sheraton Edinburgh
Sterne Plus Hotel
Parkalgar Radisson
De Vere Grand Hotel
Hotel La Pisana
BLOC Hotel
Leonardo Hotel
Hotel Caravelas

Education

Church of England School
New College Swindon
Accademia della Crusca

Retail

Vaci 1, ORCO
IKEA
Bavier Shopping Centre
New Look
Liegenschaft Albstrasse

Public Building

Southend Airport
Kecskemet Police Station
VAM Design Center

Baltic Business Park



Information

Project	Office Park
Location	Szczecin, Poland
Date of Completion	Q3 2012
Size	26,000 m ²
Value	€ 1,000k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS IV	46
	- CAC	17
	- AHU (via AHU Kit)	8
Indoor Units	- 4Way Cassette S	611
Control Solution	- 3x DMS 2	





Information

Project	Offices
Location	Mannheim, Germany
Date of Completion	March, 2012
Size	9,000 m ²
Value	€ 210k

► Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS IV	10
Indoor Units	- 1Way Cassette	270
	- 2Way Cassette	2
	- 4Way Cassette	10
	- Neo Forte Wall mount	1
	- Slim Duct	1
Control Solution	-DMS 2	





Information

Project	Offices
Location	Poznan, Poland
Date of Completion	Q3 2011
Size	15,000 m ²
Value	€ 170k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS IV	17
Indoor Units	- Console - Slim Duct - ERV	215
Control Solution	- DMS 2 - S-NET 3	





Information

Project	Office
Location	Rome, Italy
Date of Completion	February 2009
Size	10,000 m ²
Value	€ 143k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS II	30
Indoor Units	- Console	42
	- Slim Duct	56
	- ERV	28
Control Solution	- 98 * Premium Remote Controller - DMS	





Information

Project	PFRON
Location	Warsaw, Poland
Date of Completion	2010
Size	4,525 m ²
Value	€ 150k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III	22
Indoor Units	- 4 Way - Slim 1 Way - Neo Forte Wall Mounted	215
Control Solution	- DMS2 - Window relays - Electric power use limit combined with DMS2 control logic management	



Murawa Office Park



Information

Project	Office Park
Location	Poznan, Poland
Date of Completion	December, 2010
Size	7,500 m ²
Value	€ 205k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III HR	10
Indoor Units	- Duct - 4Way Cassette - Vivace Wall Mounted	151
Control Solution	- Lonworks Interface	





Information

Project	Office
Location	London, UK
Date of Completion	2011
Size	1,200 m ²
Value	€ 182k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS II HR	7
Indoor Units	- 4 Way	64
Control Solution	- DMS	





Information

Project	Office
Location	Lisbon, Portugal
Date of Completion	May 2009
Size	3,700 m ²
Value	€ 41k

► Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III	4
Indoor Units	- Duct	24
Control Solution	- Centralized Controller	



Office

Baltic Business Park
ECCN
PGE Rzeszow
Baxter Generali
PFRON
Murawa Office Park
Swissport
Jornal Ocasiao

Sport & Leisure

Merkur Spielothek
Rose Bowl

Healthcare

Katharinum Center

Hotel

Sheraton Edinburgh
Sterne Plus Hotel
Parkalgar Radisson
De Vere Grand Hotel
Hotel La Pisana
BLOC Hotel
Leonardo Hotel
Hotel Caravelas

Education

Church of England School
New College Swindon
Accademia della Crusca

Retail

Vaci 1, ORCO
IKEA
Bavier Shopping Centre
New Look
Liegenschaft Albstrasse

Public Building

Southend Airport
Kecskemet Police Station
VAM Design Center

Sheraton Edinburgh Hotel *****



Information

Project	5 star Hotel (269 rooms)
Location	Edinburgh, UK
Date of Completion	Q3, 2010
Size	11,500 m ²
Value	€ 220k

► Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS II HR	25
Indoor Units	- Slim Duct	285
Control Solution	- DMS 2	



Sterne Plus Hotel *****



Information

Project	5 star Hotel (142 rooms)
Location	Berlin, Germany
Date of Completion	February, 2011
Size	1,700 m ²
Value	€ 115k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III HR	6
	- DVM PLUS III	5
Indoor Units	- Slim Duct	142
	- AHU Kit	9
Control Solution	- DMS 2	
	- Fidelio	



Parkalgar Radisson Hotel Spa & Resort ****



Information

Project	5 star Hotel (208 rooms & 166 apartments)
Location	Portimão, Portugal
Date of Completion	September 2011
Size	16,000 m ²
Value	€ 450k

► Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS IV	19
	- FJM	166
Indoor Units	- Ducts (hotel)	254
	- Wall Mounted (apartments)	483
Control Solution	- DMS 2 - LONworks	



De Vere Grand Hotel ****



Information

Project	4 star Hotel (204 rooms)
Location	Brighton, UK
Date of Completion	Q3, 2011
Size	8,300 m ²
Value	€ 210k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS VI HR	21
Indoor Units	- Neo-Forte Wall mounted	208
Control Solution	- Wired Remote Controllers	



Hotel La Pisana ****



Information

Project	4 star Hotel (211 rooms)
Location	Rome, Italy
Date of Completion	2007
Size	1,500 m ²
Value	€ 93k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS II HR	10
Indoor Units	- Mini 4Way Cassette - Slim Duct	150
Control Solution	- Lonworks	



BLOC Hotel

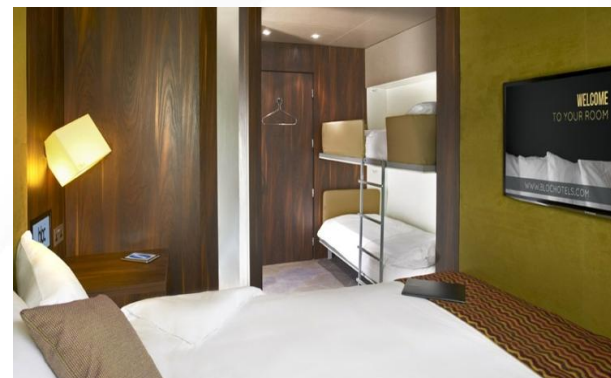


Information

Project	Boutique Hotel (240 rooms)
Location	Gatwick Airport, UK
Date of Completion	2013
Size	5,000 m ²
Value	€ 250k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS IV	15
Indoor Units	- Slim Duct	248
Control Solution	- DMS 2	



Leonardo Hotel ***



Information

Project	3 star Hotel (274 rooms)
Location	Berlin, Germany
Date of Completion	September 2009
Size	14,000 m ²
Value	€ 180k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III HR	14
Indoor Units	- Duct	274
Control Solution	- Individual Wired Remote Controllers - DMS	



Hotel Caravelas ***

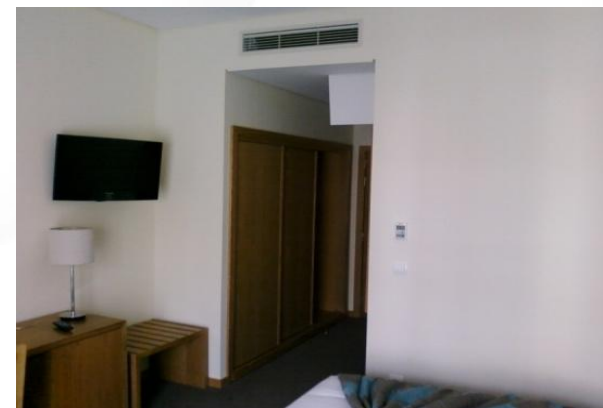


Information

Project	3 star Hotel (167 rooms)
Location	Pico Island, Azores, Portugal
Date of Completion	August 2009
Size	15,000 m ²
Value	€ 143k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III	16
Indoor Units	- Slim Duct - Wall Mounted - 4Way Cassette	157
Control Solution	- DMS - S-NET Mini	



Office

Baltic Business Park
ECCN
PGE Rzeszow
Baxter Generali
PFRON
Murawa Office Park
Swissport
Jornal Ocasiao

Sport & Leisure

Merkur Spielothek
Rose Bowl

Healthcare

Katharinum Center

Hotel

Sheraton Edinburgh
Sterne Plus Hotel
Parkalgar Radisson
De Vere Grand Hotel
Hotel La Pisana
BLOC Hotel
Leonardo Hotel
Hotel Caravelas

Education

Church of England School
New College Swindon
Accademia della Crusca

Retail

Vaci 1, ORCO
IKEA
Bavier Shopping Centre
New Look
Liegenschaft Albstrasse

Public Building

Southend Airport
Kecskemet Police Station
VAM Design Center

Vaci 1, ORCO



Information

Project	Shopping Mall
Location	Budapest, Hungary
Date of Completion	September 2012
Size	12,000 m ²
Value	€ 571k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III HR	52
Indoor Units	- 4 Way /Duct/Console - Air Handling Units	300 6
Control Solution	- Centralized Controller - DMS 2 - S-NET 3 - Power Distribution	





Information

Project	Ikea retail store
Location	Valladolid, Spain
Date of Completion	August 2012
Size	20,700m ²
Value	€ 201k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units		
Indoor Units	- ERV	166
Control Solution	- CO2 sensor - MWR-WE10 wired remote controller	



Bavier Shopping Centre



Information

Project	Retail
Location	Erkrath, Germany
Date of Completion	August 2010
Size	6,000 m ²
Value	€ 100k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III	6
Indoor Units	- Mini 4Way Cassette	30
Control Solution	- Wired remote controller - DMS	





Information

Project	Retail
Location	Dublin, Ireland
Date of Completion	June 2010
Size	3,700 m ²
Value	€ 110k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III HR	8
	- CAC	8
Indoor Units	- 4Way Cassette	28
	- 1Way Cassette	1
Control Solution	- DMS	
	- S-NET Mini	



Liegenschaft Albstrasse



Information

Project	Retail
Location	Reutlingen, Germany
Date of Completion	August 2011
Size	6,000 m ²
Value	€ 135k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III	7
Indoor Units	- 4Way Cassette	61
	- 1Way Cassette	13
	- 2Way Cassette	2
	- Wall Mounted	2
Control Solution	- Wired remote controller - DMS	



Office

Baltic Business Park
ECCN
PGE Rzeszow
Baxter Generali
PFRON
Murawa Office Park
Swissport
Jornal Ocasiao

Sport & Leisure

Merkur Spielothek
Rose Bowl

Healthcare

Katharinum Center

Hotel

Sheraton Edinburgh
Sterne Plus Hotel
Parkalgar Radisson
De Vere Grand Hotel
Hotel La Pisana
BLOC Hotel
Leonardo Hotel
Hotel Caravelas

Education

Church of England School
New College Swindon
Accademia della Crusca

Retail

Vaci 1, ORCO
IKEA
Bavier Shopping Centre
New Look
Liegenschaft Albstrasse

Public Building

Southend Airport
Kecskemet Police Station
VAM Design Center



Information

Project	Leisure
Location	Monheim, Germany
Date of Completion	February 2010
Size	5,000 m ²
Value	€ 80k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III HR	4
	- Air Handling Unit	5
Indoor Units	- Duct	19
	- Mini 4Way Cassette	4
Control Solution	- Centralized Controller - Wired Remote Controllers	



Rose Bowl



Information

Project	Leisure
Location	Southampton UK
Date of Completion	
Size	500 m ²
Value	€ 35k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III	2
	- CAC	2
Indoor Units	- Duct	4
	- Cassette	10
	- Wall Mounted	1
	- Energy Recovery Ventilators	3
Control Solution	- DMS	



Office

Baltic Business Park
ECCN
PGE Rzeszow
Baxter Generali
PFRON
Murawa Office Park
Swissport
Jornal Ocasiao

Sport & Leisure

Merkur Spielothek
Rose Bowl

Healthcare

Katharinum Center

Hotel

Sheraton Edinburgh
Sterne Plus Hotel
Parkalgar Radisson
De Vere Grand Hotel
Hotel La Pisana
BLOC Hotel
Leonardo Hotel
Hotel Caravelas

Education

Church of England School
New College Swindon
Accademia della Crusca

Retail

Vaci 1, ORCO
IKEA
Bavier Shopping Centre
New Look
Liegenschaft Albstrasse

Public Building

Southend Airport
Kecskemet Police Station
VAM Design Center

Dagenham Church of England School



Information

Project	Education
Location	Dagenham, UK
Date of Completion	Q4 2011 ~ Q1 2012
Size	3,700 m ²
Value	€ 122k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS IV HR	11
Indoor Units	- Cassette	35
Control Solution	- Wired remote controllers	



New College Swindon

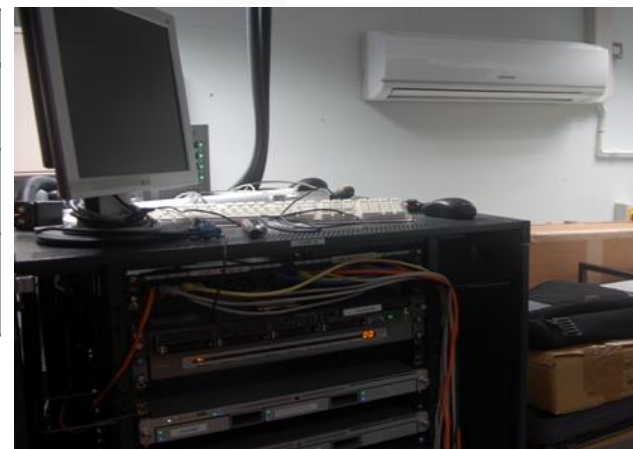


Information

Project	Education
Location	Swindon, UK
Date of Completion	August, 2009
Size	750 m ²
Value	€ 35k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III HR	2
	- Mini DVM	1
Indoor Units	- 4Way Cassette	15
	- Wall Mounted	5
Control Solution	- S-NET Mini	



Accademia della Crusca



Information

Project	Public library
Location	Florence, Italy
Date of Completion	2009
Size	800 m ²
Value	€ 57k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS II	9
Indoor Units	- Console - Wall Mounted - Ceiling	62
Control Solution	- DMS - Power Distribution Meter	



Office

Baltic Business Park
ECCN
PGE Rzeszow
Baxter Generali
PFRON
Murawa Office Park
Swissport
Jornal Ocasiao

Sport & Leisure

Merkur Spielothek
Rose Bowl

Healthcare

Katharinum Center

Hotel

Sheraton Edinburgh
Sterne Plus Hotel
Parkalgar Radisson
De Vere Grand Hotel
Hotel La Pisana
BLOC Hotel
Leonardo Hotel
Hotel Caravelas

Education

Church of England School
New College Swindon
Accademia della Crusca

Retail

Vaci 1, ORCO
IKEA
Bavier Shopping Centre
New Look
Liegenschaft Albstrasse

Public Building

Southend Airport
Kecskemet Police Station
VAM Design Center

Southend Airport



Information

Project	Airport
Location	London, UK
Date of Completion	Q2, 2011
Size	4,500 m ²
Value	€ 320k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III	18
Indoor Units	- Duct - Wall Mounted	47
Control Solution	- Wired Remote Controllers	



Kecskemet Police Station



Information

Project	Public Building
Location	Kecskemet, Hungary
Date of Completion	Q2, 2012
Size	15,000 m ²
Value	€ 320k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS IV	23
Indoor Units	- Console	358
Control Solution	- DMS 2 - S-NET Mini	





Information

Project	Art Gallery
Location	Budapest, Hungary
Date of Completion	2007
Size	11,500 m ²
Value	€ 286k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS II	24
Indoor Units	- Duct - Wall Mounted	86
Control Solution	- DMS - Power Distribution	



Office

Baltic Business Park
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Leonardo Hotel
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Church of England School
New College Swindon
Accademia della Crusca

Retail

Vaci 1, ORCO
IKEA
Bavier Shopping Centre
New Look
Liegenschaft Albstrasse

Public Building

Southend Airport
Kecskemet Police Station
VAM Design Center

Katharinum Center



Information

Project	Healthcare Clinic
Location	Leipzig, Germany
Date of Completion	January 2011
Size	6,000 m ²
Value	€ 145k

Equipment Selection

Equipment	Model Type	Quantity
Outdoor Units	- DVM PLUS III	10
Indoor Units	- Mini 4Way Cassette	96
	- Vivace Wall mounted	6
	- Duct	12
	- ERV (Ventilation)	12
Control Solution	- DMS	
	- Power Reader	



Global Reference Projects



Office

ABP Office Park

Hotel

Imperial Palace
Iberohotel Princess
Anitta
Dead Sea Lagoon Hotel

Retail

JSWB Shopping Centre
Mall of Istanbul

Sport & Leisure

-

Education

Tangeong University
Tongji University

Public Building

Shanghai Pudong Airport
Kiev International Airport

Healthcare

-

Residential

Tower Palace
Rasuna Tower
Arya Residences
AJMAN One
The Houghton

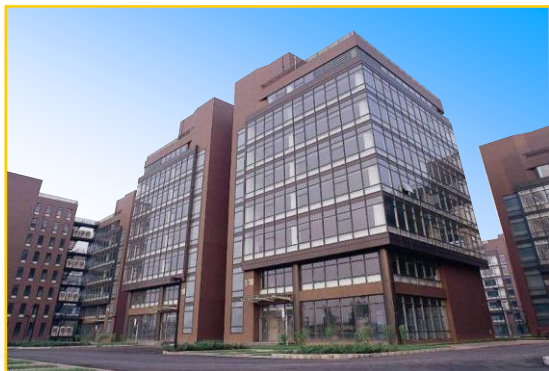
ABP Office Park



Information

Project	Office Park
Location	Beijing, China
Completion	2008
Number of outdoor	1,400
Number of indoor	10,500
Control solution	S-NET 3

Images



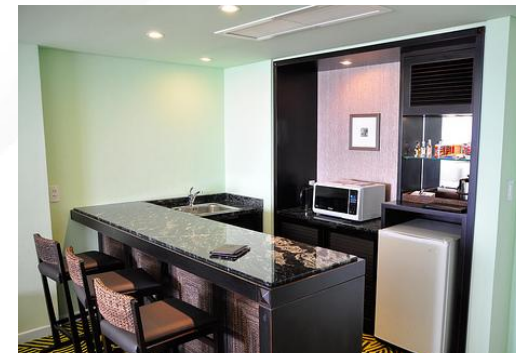
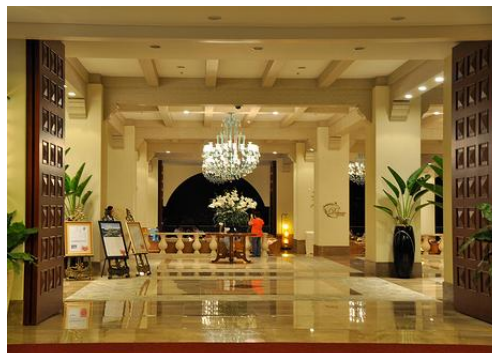
Imperial Palace Hotel & Resort *****



Information

Project	Hotel (567 rooms)
Location	Cebu, Philippines
Completion	2008
Number of outdoor	191
Number of indoor	1,078
Control solution	S-NET 3

Images



Iberohotel Princess *****

Information

Project	Hotel
Location	Bodrum, Turkey
Completion	2004
Number of outdoor	10
Number of indoor	110
Control solution	Individual remote controller



Images



Anitta Hotel *****

SAMSUNG



Information

Project	Hotel
Location	Corum, Turkey
Completion	2004
Number of outdoor	11
Number of indoor	226
Control solution	Individual remote controller

Images



Dead Sea Lagoon Hotel *****



Information

Project	Hotel
Location	Dead Sea, Jordan
Completion	2011
Number of outdoor	44
Number of indoor	760
Control solution	S-NET 3

Images



JSWB Shopping Centre



Information

Project	Retail
Location	Shanghai, China
Completion	2008
Number of outdoor	193
Number of indoor	1,561
Control solution	DMS, S-NET 3

Images



Mall of Istanbul



Information

Project	Retail
Location	Istanbul, Turkey
Completion	2008
Number of outdoor	193
Number of indoor	1,561
Control solution	DMS, S-NET 3

Images





Information

Project	University
Location	Tangjeong, Korea
Completion	n/a
Number of outdoor	80
Number of indoor	600
Control solution	DMS

▶ Images





Information

Project	Education
Location	Shanghai, China
Completion	2008
Number of outdoor	134
Number of indoor	1,009
Control solution	DMS S-NET 3

Images



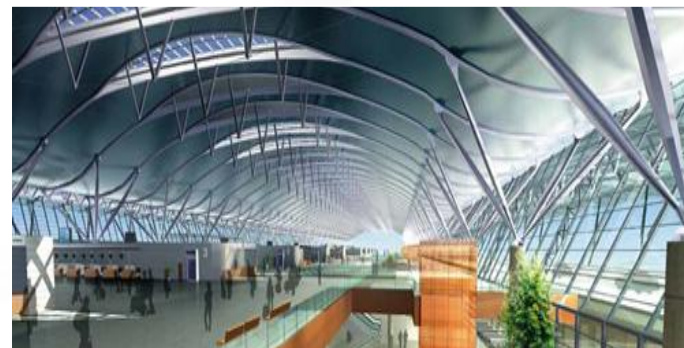
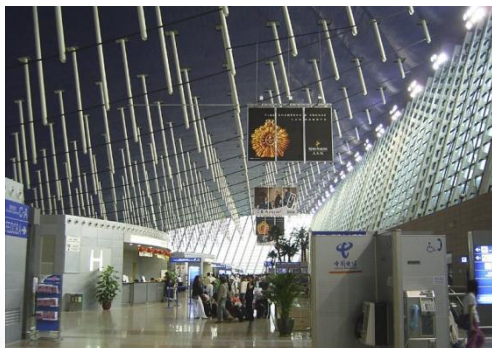
Shanghai Pudong Airport

Information

Project	Airport
Location	Shanghai, China
Completion	2009
Capacity outdoor	616 HP
Number of indoor	162
Control solution	DMS, S-NET 3



Images



Kiev International Airport



Information

Project	Airport
Location	Kiev, Ukraine
Completion	2011
Number of outdoor	5
Number of indoor	48
Control solution	DMS 2

Images



Tower Palace

Information

Project	Residential
Location	Seoul, Korea
Completion	2002
Number of outdoor	3,614
Number of indoor	17,731
Control solution	DMS, S-NET 3



Images



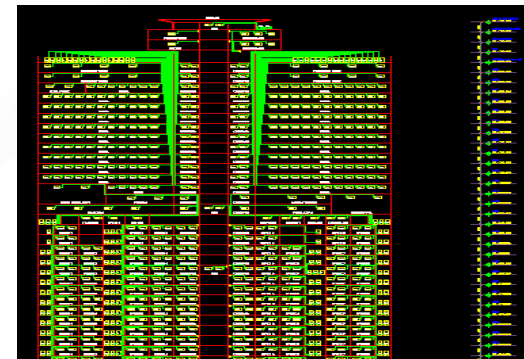
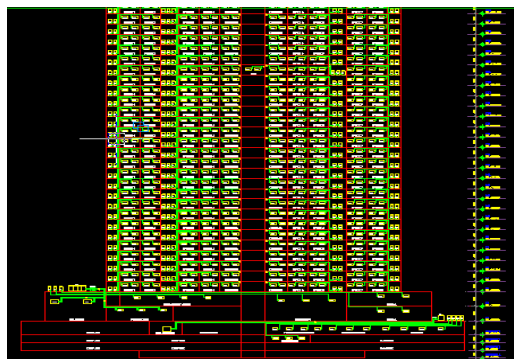
Rasuna Tower



Information

Project	Residential
Location	Jakarta, Indonesia
Completion	2014
Number of outdoor	380
Number of indoor	1,223
Control solution	BACNet

▶ Images



Arya Residences



Information

Project	Residential
Location	Taguig, Phillipines
Completion	2013
Number of outdoor	220 (1,720HP)
Number of indoor	895
Control solution	Individual wired remote

Images



AJMAN One



Information

Project	Residential
Location	Ajman, UAE
Completion	2012
Number of outdoor	6,754 (CAC)
Number of indoor	6,754
Control solution	Individual wired remote

▶ Images



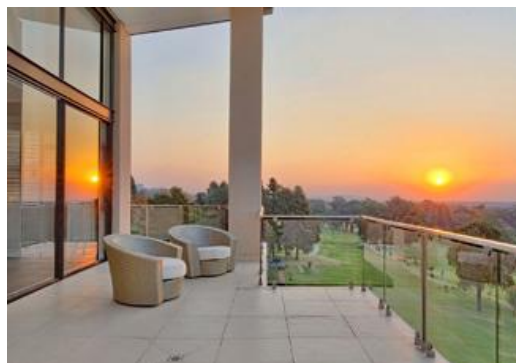
The Houghton



Information

Project	Residential
Location	Johannesburg, South Africa
Completion	2012
Number of outdoor	37
Number of indoor	198
Control solution	S-NET 3, DMS 2

Images



THANK YOU
Samsung Digital Air Solutions