



CGLine+ technology Emergency Lighting



Señalización de evacuación mediante luminaria

- Una luminaria de señal de evacuación retro-iluminada de la misma altura logra el mismo grado de identificación al doble de esa distancia que una fotoluminiscente.
- Después de 60 minutos la luminancia mínima del color de contraste blanco es **10 cd/m²**, como se requiere por la norma EN 1838.



Señalización de evacuación Foto-luminiscente

- El resplandor se reduce a una media de 5 metros cada 10 minutos.
- Después de 60 minutos la luminancia mínima del color de contraste blanco es **0.012 cd/m²**.

iet Sistema de gestión CGLine+

DOMe
SUMINISTROS PARA LA CONSTRUCCIÓN

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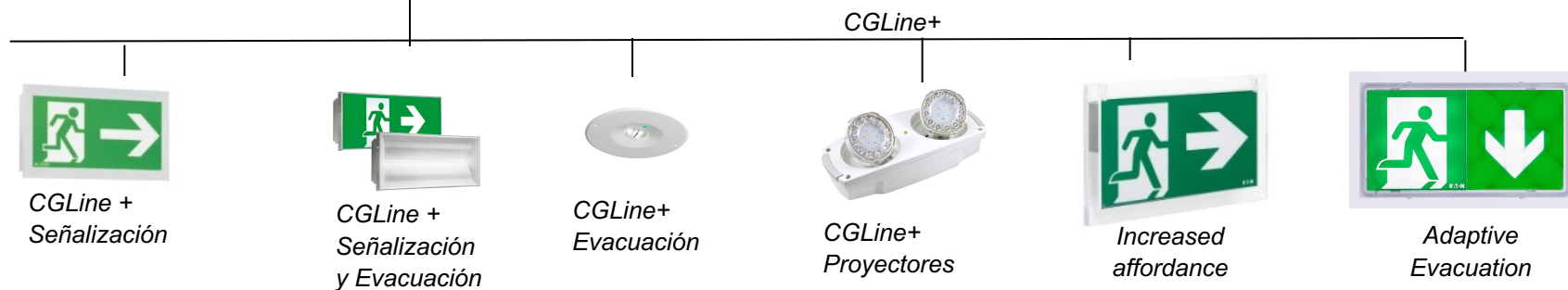
Nivel de Gestión



Nivel de Control

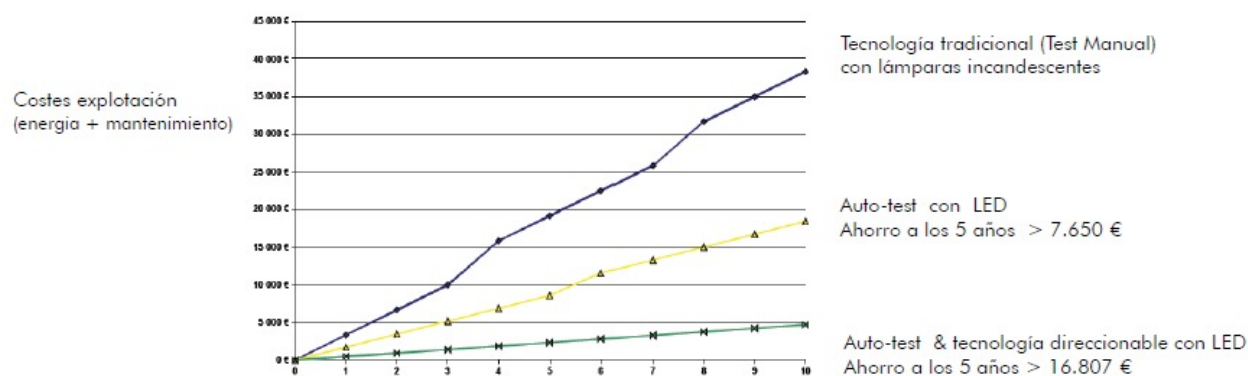


Línea de Bus



Disponiendo de luminarias con **CGLine+**, las operaciones de mantenimiento son muy sencillas y de mucho **MENOR COSTE**.

- Cualquier persona sin formación técnica puede supervisar el sistema de Iluminación de Emergencia.
- Proporciona mayor información sobre el estado del aparato de alumbrado de emergencia y por tanto supone mayor nivel de **SEGURIDAD**.



Estudio de los costos de operación para la instalación existente de año de 50 luces durante 10 años



Monitorización en tiempo real. Sistema de gestión

- Home
- Overview
- Commands
- Configuration
- Logbook
-
- Building layouts
-
- Overview all Web-Controller
-
- Manual

Name : CGLine+ WebController Stonex Planta 2
Number : 1

System status

Operation	●
Blocked	•
Rest Mode	•
Battery operation	•
Delay after mains return	•
Function test	•
Duration test	•
Postponed duration test	•
Postponed function test	•
Failure duration test	•
Failure function test	•
Battery failure	•
Lamp failure	•
Communication failure	•
External failure	•
Lamp search	•

Inputs 1 2 S1/S2

Overview luminaire failure Zone Overview luminaires Information

[Print](#)

Overview luminaire failure Zone Overview luminaires AE scenario list Information

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● No fault ● At least 1 failure Name : CGLine+ Web-Controller
● No luminaire installed ● Web-Controller in test Number : 1

Overview luminaire failure Zone Overview luminaires AE scenario list Information

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ID Test I/O General Network Email

FT/DT configuration

ID Test I/O General Network Email

Password

☐ Check this box if the server needs authentication

Date	Time	Line	Event
29/04/19	17:14:45	01	Mains fault line 1
29/04/19	17:14:45	02	Mains fault line 1
29/04/19	17:14:47	03	Mains fault line 1 26
29/04/19	17:15:24	All	AE Scenario activated 3
29/04/19	17:16:28	All	AE Scenario activated 0
29/04/19	17:17:02	All	AE Scenario activated 3
29/04/19	17:17:36	All	AE Scenario activated 0
29/04/19	17:18:18	All	AE Scenario activated 3
29/04/19	17:19:50	02	Mains fault line Sum failure end
29/04/19	17:19:51	01	Mains fault line Sum failure end
29/04/19	17:19:51	03	Mains fault line Sum failure end
29/04/19	17:19:56	All	AE Scenario activated 3
29/04/19	17:22:18	All	AE Scenario activated Default
29/04/19	17:22:32	All	AE Scenario activated 0
29/04/19	17:22:43	All	AE Scenario activated 3
29/04/19	17:23:03	All	AE Scenario activated 0
29/04/19	17:25:56	All	AE Scenario activated 8
29/04/19	17:26:04	All	AE Scenario activated 9
29/04/19	17:26:33	All	AE Scenario activated 0
29/04/19	17:26:50	All	AE Scenario activated 9
29/04/19	17:27:48	All	AE Scenario activated 0
29/04/19	17:28:25	All	AE Scenario activated 8
29/04/19	17:28:40	All	AE Scenario activated 9
29/04/19	17:30:55	All	AE Scenario activated 5
30/04/19	09:45:24	02	Configuration changed
30/04/19	10:45:56	All	AE Scenario activated 0
30/04/19	11:11:01	01	Configuration changed
30/04/19	11:11:02	02	Configuration changed 0
30/04/19	11:11:28	01	Configuration changed
30/04/19	11:11:29	02	Configuration changed 0
30/04/19	11:11:29	03	Configuration changed 0
30/04/19	11:11:30	04	Configuration changed 0
30/04/19	11:49:56	01	Configuration changed
30/04/19	11:49:57	02	Configuration changed 0
30/04/19	11:49:58	03	Configuration changed
30/04/19	11:49:58	04	Configuration changed 0
30/04/19	17:16:52	All	AE Scenario activated 5
03/05/19	09:21:54	All	AE Scenario activated 0
03/05/19	09:40:33	All	AE Scenario activated 5
03/05/19	09:40:33	All	AE Scenario activated Default
03/05/19	09:40:36	All	AE Scenario activated 5
03/05/19	09:40:36	All	AE Scenario activated Default
03/05/19	09:44:03	All	AE Scenario activated 5

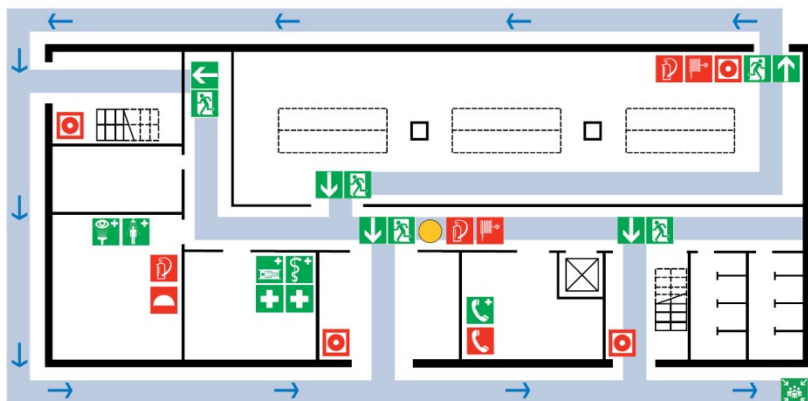
Zonas de grandes aglomeraciones



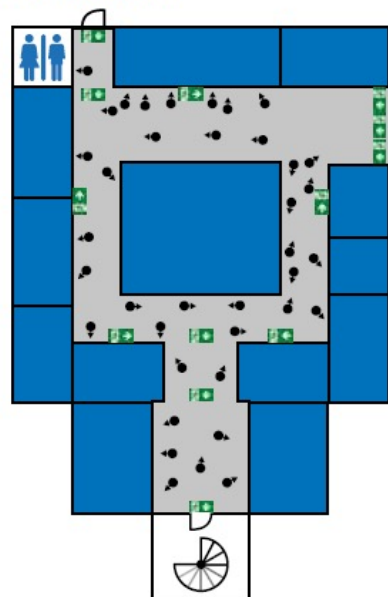
La evacuación de zonas de grandes aglomeraciones puede verse afectada por la **dificultad** de las personas a la hora de **reconocer** las **señales** de salida emergencia convencionales.

En situaciones de emergencia:

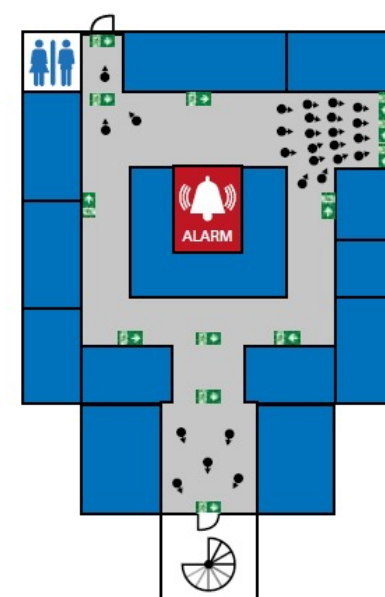
- Sólo el **38%** de las personas “ven” una señal estática.
- El **77%** de las personas “ven” una señal dinámica.



1. Situación normal

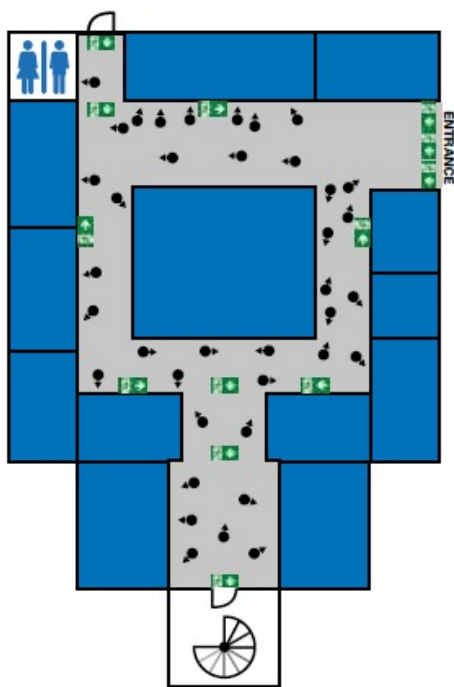


2. Situación de emergencia

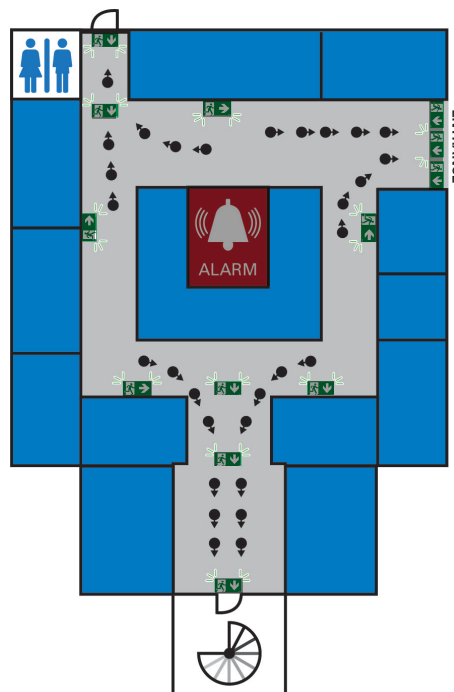


Las señales de salida exacerban a personas con discapacidades auditivas que no pueden oír cualquier tipo de alarmas de instrucciones de voz que lo acompaña.

1. Situación normal



2. Situación de emergencia

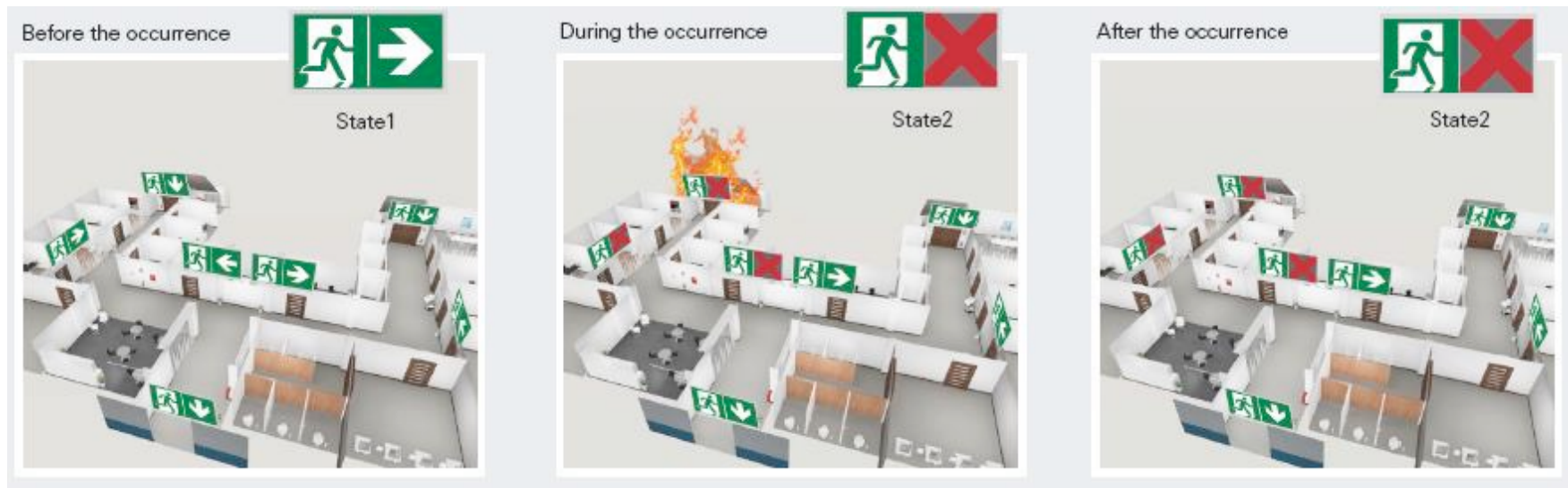


Reducimos riesgos con evacuaciones más rápidas y seguras

Señalización de evacuación mediante luminaria CONVENCIONAL

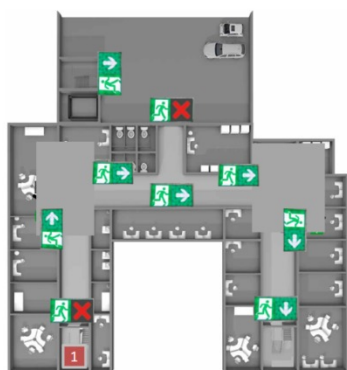
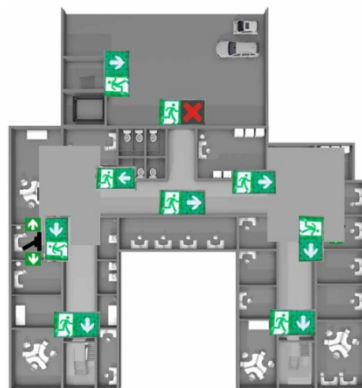


Señalización de evacuación mediante luminaria ADAPTATIVA

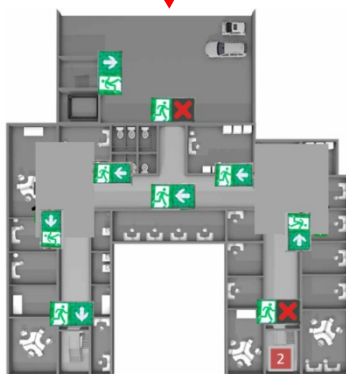




**Escenario
Standard**



Escenario 1
Escalera Izquierda
Bloqueada



Escenario 2
Escalera Derecha
Bloqueada



Escenario 3
Escalera Garaje
Bloqueada

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SUMINISTROS PARA LA CONSTRUCCIÓN

EATON
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Centros Educativos

- Abu Dhabi Future School (Khalifa City, United Arab Emirates)
- Airbus Group Campus (Toulouse, France)
- Amiens University Hub of Citadel (Amiens, France)
- Auguste Béhal High School of Lens (Lens, France)
- Birmingham Metropolitan College (Birmingham, United Kingdom)
- Bologna University (Bologna, Italy)
- Brighton School (Abu Dhabi, United Arab Emirates)
- ELI - Laser Research Institute (Szeged, Hungary)
- Fibbersley Park Primary School (Willenhall, United Kingdom)
- German College (Madrid, Spain)
- Leeds University Music School (Leeds, United Kingdom)
- Martin-Luther University (Halle and Wittenberg, Germany)
- Ostfalia College (Wolfsburg, Germany)
- PPP Lille Campus (Lille, France)
- Princess Noura University (Riyadh, Saudi Arabia)
- School Buildings Rethymno Crete (Crete, Greece)
- Sabah Al-Salem University (Kuwait City, Kuwait)
- Shka Fatima Nursing Academy (Perak, United Arab Emirates)
- Sport College Cologne (Cologne, Germany)



Retail

- Decathlon Logistics Center of Rouvignies (Rouvignies, France)
- Deira City Centre (Dubai, United Arab Emirates)
- Dubai Flower Centre (Dubai, United Arab Emirates)
- E.Leclerc Hypermarket Langueux car park (Langueux, France)
- Halles District Forum Center (Paris, France)
- Hypermarket Geant Casino of Fenouillet (Fenouillet, France)
- IKEA (Cairo, Egypt)
- Inter IKEA (Bayonne, France)
- Jack Wolfskin Store (Bolzano, Italy)
- Leclerc Hypermarket De Mios (Arcachon, France)
- Linden Arkaden (Schleswig-Holstein, Germany)
- Mall of the Emirates (Dubai, United Arab Emirates)
- Optimum Shopping Center Izmir (Izmir, Turkey)
- Palace Mall & Office (Iasi, Romania)
- Park Lake Shopping Mall (Bucharest, Romania)
- Shopping Centre Toison d'Or (Brussels, Belgium)
- Wafi City Mall (Dubai, United Arab Emirates)
- Zara (A Coruña, Spain)



Estadios

- AFG Arena (St. Gallen, Switzerland)
- Al Ain Stadium (Al Ain, United Arab Emirates)
- Al Jawhara Stadium (Jeddah, Saudi Arabia)
- Anoeta (San Sebastián, Spain)
- Fritz-Walter-Stadium (Kaiserslautern, Germany)
- Hellinikon Olympic Complex (Hellinikon, Greece)
- Kayak Slalom Centre (Hellinikon Greece)
- King Saud University Stadium (Riyadh, Saudi Arabia)
- Lyon Stadium (Décines, France)
- Mercedes-Benz Arena (Stuttgart, Germany)
- NAS Arena (Dubai, United Arab Emirates)
- National Aquatics Centre (Beijing, China)
- Osnatel Arena (Osnabrück, Germany)
- Palazzetto dello Sport (Verona, Italy)
- Pampeloponnisiako Stadion (Patras, Greece)
- SchucoArena (Bielefeld, Germany)
- Spaladium Arena (Split, Croatia)
- Sports Hall Bad Nenndorf (Bad Nenndorf, Germany)
- Stade Vélodrome (Marseille, France)
- Wildpark Stadium (Karlsruhe, Germany)



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Edificios Corporativos y Gubernamentales

- Central Prison (Sumail, Oman)
- City Hall of Lille (Lille, France)
- Civic Centre (Doncaster, United Kingdom)
- Commercial Bank of Qatar (Wakra, Qatar)
- DDC Building (Dubai, United Arab Emirates)
- Deportation Prison (Sharjah, United Arab Emirates)
- DICEC Exhibition Centre (Dubai, United Arab Emirates)
- Double Tree Hilton (Dubai, United Arab Emirates)
- Emirates Towers (Dubai, United Arab Emirates)
- Equate Head Quarters (Ahmadi, Kuwait)
- Future Munitions Facilities (Dhahran, Saudi Arabia)
- German Bundestag (Berlin, Germany)
- Hungarian Parliament (Budapest, Hungary)
- Kai Tak Government Office (Kai Tak, Hong Kong)
- Kharafi Head Quarters Annex Building (Al-Ardiya, Kuwait)
- Microsoft Headquarters (Milan, Italy)
- Novartis Company Buildings of Huningue (Huningue, France)
- Olaya Towers (Riyadh, Saudi Arabia)
- Oman Convention Centre (Muscat, Oman)
- Piazza Maltepe (Istanbul, Turkey)



Hoteles, Museos y Entretenimiento

- Botanical Gardens Zurich (Zurich, Switzerland)
- Castle Bellevue (Kassel, Germany)
- Cheval Blanc Hotel (Paris, France)
- Cultural Center of Mougins (Cannes, France)
- El Prado (Madrid, Spain)
- Exhibition Centre Cologne (Cologne, Germany)
- Exhibition Halls of Lyon (Lyon, France)
- Ferrari World (Abu Dhabi, United Arab Emirates)
- Four Seasons Hotel (Bahrain Bay, Bahrain)
- Fundación Botín (Cantabria, Spain)
- Grange Tower Bridge Hotel (London, United Kingdom)
- Grivalia Properties - Hotel Plaza (Marousi, Greece)
- Hotel Marriott (Budapest, Hungary)
- Hotel Unzaga Plaza De Eibar (Eibar, Spain)
- Kameha Grand Hotel (Bonn, Germany)
- La Barr Hotel (Muscat, Oman)
- Marina Hotel (Yas Island, United Arab Emirates)
- National Library of Leipzig (Leipzig, Germany)
- National Museum of China (Beijing, China)
- Radisson Renovation (Doha, Qatar)



Industria

- Ferrari F1 Racing Team (Maranello, Italy)
- Interspan (Vasarosnameny, Hungary)
- Longchamp (Segre, France)
- Longtan Hydropower Station (Guangxi, China)
- MillerCoors Mega Brewery (Chicago, USA)
- Nestlé (Penilla De Cayón, Spain)
- Nestlé Manufacturing (Dubai, United Arab Emirates)
- Nissan Factory (Barcelona, Spain)
- NORMALU Industry Buildings (Mulhouse, France)
- Novartis Pharma (Dublin, Ireland)
- Procter & Gamble Factory (Jeddah, Saudi Arabia)
- Qatar Petroleum (Doha, Qatar)
- SciencePark (Beijing, China)
- Shenzhen Foxconn (Shenzhen, China)
- Siemens Energy Hub (Dammam, Saudi Arabia)
- St Mary's Industrial Estate (Nottingham, United Kingdom)
- Tabuk Power Plant (Tabuk, Saudi Arabia)
- Tannery Lingolsheim (Strasbourg, France)
- ToroRosso F1 Racing Team (Bologna, Italy)
- Wuxi WOCO (Jiangsu Sheng, China)



Aeropuertos

- Abu Dhabi International Airport - VIP Terminal (Abu Dhabi, United Arab Emirates)
- ADNOC HQ Building - car park (Abu Dhabi, United Arab Emirates)
- Airbus (Toulouse, France)
- Athens Airport (Athens, Greece)
- Bologna Airport (Bologna, Italy)
- Budapest Airport (Budapest, Hungary)
- Cologne Airport (Cologne, Germany)
- Copenhagen Airport (Copenhagen, Denmark)
- Dubai International Airport (Dubai, United Arab Emirates)
- Funchal Airport (Madeira, Portugal)
- King Abdulaziz International Airport (Jeddah, Saudi Arabia)
- Luxembourg Airport (Luxembourg City, Luxembourg)
- Muscat International Airport (Muscat, Oman)
- Ponta Delgada Airport (Sao Miguel Island, Portugal)
- Schiphol Airport (Amsterdam, Netherlands)
- Taipa Ferry (Taipa, Macau)
- Vienna Airport (Vienna, Austria)
- Warsaw Airport (Warsaw, Poland)



Healthcare

- Centre of Excellence in Paediatrics (Kowloon, Hong Kong)
- CHU de Rangueil (Toulouse, France)
- Diaconat Hospital (Mulhouse, France)
- Evangelismos Hospital (Paphos, Greece)
- Hamad Medical City (Doha, Qatar)
- Hospital Center of Vire (Vire, France)
- Ippokrateio Hospital (Thessaloniki, Greece)
- Kenézy Gyula (Debrecen, Hungary)
- King Abdullah Specialty Children's Hospital (Riyadh, Saudi Arabia)
- Loewel Hospital of Munster (Munster, France)
- Northern General Hospital (Sheffield, United Kingdom)
- Pierre Garraud Hospital (Lyon, France)
- Royal Hospital (Muscat, Oman)
- San Donato Hospital (Arezzo, Italy)
- Tin Shui Wai Hospital (Tin Shui Wai, Hong Kong)
- University Hospital of Rennes PDS (Rennes, France)
- Ministry Of Health (Riyadh, Saudi Arabia)
- Urbino Hospital (Urbino, Italy)
- Yan Chai Hospital (Tsuen Wan, Hong Kong)
- Yozgat Hospital (Yozgat, Turkey)





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