FIRST-CLASS SOLUTIONS
FOR YOUR LARGE-SCALE PROJECTS
DO YOU HAVE A LARGE-SCALE PROJECT?

"OUR HIGH-PERFORMANCE SOLUTIONS HAVE BEEN DEVELOPED FOR YOUR LARGEST SITES AND YOUR MOST COMPLEX PROJECTS."

For more than sixty years, the mission of the Legrand Group has been to design, develop and sell both simple and innovative electrical and digital systems. Systems to provide better communication, protect electrical installations, carry power, increase safety and improve comfort in buildings.

Customised solutions using strong, cleverly-designed cable trays.

Airports, road and rail tunnels, viaducts, power generation plants, seawater desalination units, purification stations, offshore and onshore oil and gas installations...

With the Legrand Group you can be assured of high performance and clever design for your most complex projects.

The Legrand group’s development strategy and innovative strength in the cable tray market have been established to provide an effective response to your professional requirements and to market demands.
Legrand is established in over 80 countries and distributes its products in around 180 countries worldwide, offering a comprehensive range of products and systems for electrical and digital infrastructures in residential, commercial and industrial buildings.

A WORLDWIDE REFERENCE, LEGRAND HAS ESTABLISHED ITSELF AS A MARKET LEADER!

Production sites close to where consumption takes place ensure top quality service and certification.

Production sites specialising in the manufacture of cable trays:
- Brazil, China, France, Italy, Mexico, Russia, Saudi Arabia, The Netherlands, United Kingdom, United States

“THE STRENGTH OF A LEADER FOR YOUR LARGEST PROJECTS”

- User interface
  Switches, power sockets, VDI sockets...
- Energy distribution
  Distribution panels, circuit breakers...
- Building systems
  Lighting control, security systems...
- Cable management
  Trunking, floor boxes...
- Digital infrastructure
  Enclosures, patch panels, RJ45 sockets...

Legrand stands out with the breadth of its range, available worldwide.

- UPS
  Uninterruptible power supply devices
- Installation components
  Tubes, ducts, extensions...
A SPECIALIST TEAM AT YOUR SIDE

Our teams of experts are ready to help you design your largest projects, however complex, providing you with the most suitable solutions and working closely with you throughout the project.

EVERY STEP IS COVERED IN METICULOUS DETAIL:

- Completion of the technical study
  Based on the specifications provided
- Provision of files
  Provision of BIM compatible files for integration in 3D design software (such as Aveva, Intergraph, etc.)
- Design and manufacture of "customised" products
  Matching the technical description provided
- On-site support
  To provide advice and train the teams to install the products
- Tests and provision of certificates

PROXIMITY RESPONSIVENESS COMPETITIVENESS

Excellent logistics, the capacity to produce large quantities and compliance with delivery deadlines all make the Legrand Group the leader in this sector.

60 YEARS OF EXPERTISE IN CABLE ROUTING

Reliable, certified products that are ideal for all technical requirements, with no limitations, worldwide, whatever the standard.
Legrand, together with its customers and partners, has been committed to a process of continuous improvement for many years, to ensure the long-term and responsible growth of its business. The Group thus intends to respond to the environmental, economic and social challenges of today and the future.

The various ranges of cable trays have been specially designed for your specific large-scale projects.

First-class solutions providing you with top quality to meet the requirements of your projects.

### OUR REFERENCE PROJECTS:

#### Oil & Gas
- CIMC RAFFLES oil platforms
  - CHINA
  - Cablofil steel wire cable tray
- Gaz de France North Sea oil platforms
  - NETHERLANDS & BELGIUM
  - Swifts cable ladder
- Satorp Saudi Aramco/TOTAL Jubail Refinery KSA
  - Cablofil steel wire cable tray & Seico cable ladder
- Technip Ras Laffan Olefin plant
  - QATAR Seico cable ladder
- Umm Lulu Phase 1 Development Project ADMA/OPCO - UAE
  - Swifts metal cable tray & cable ladder

#### Infrastructures
- Jeddah airport KSA
  - P31 metal cable tray
- S6 Niklasdorf Tunnel
  - AUSTRIA
  - P31 metal cable tray
- Macau Ferry Terminal
  - HONG KONG
  - Isiplast PVC cable tray
- Algiers Metro
  - ALGERIA
  - GL04 cable ladder, Cablofil steel wire cable tray & Isiplast PVC cable tray
- SNCF Bordeaux sound abatement wall
  - FRANCE
  - Polysis cable tray

#### Industry
- OSRAM Opto Semiconductors Co. Ltd Factory
  - CHINA
  - Cablofil steel wire cable tray
- Abu Dhabi Sewerage Services Company (ADSSC) ABU DHABI
  - Swifts metal cable tray & cable ladder
- Sweihan Wastewater Treatment Plant
  - AL SAAD - UAE
  - Swifts metal cable tray & cable ladder
- OCP Samsung project
  - MOROCCO
  - Isiplast PVC cable tray
OUR SOLUTIONS

Cablofil Steel Wire Cable Trays

- **Flexibility of routing**
  Numerous possible configurations

- **Speed of installation**
  Screw-free quick couplers

- **Strength and durability**
  Corrosion-resistance due to various surface treatments

- **Exclusive safety edge**
  Safe-T-Edge
  T-welded so there are no sharp edges, and to avoid accidents during installation

- **Open structure**
  Visual inspection and maintenance of cables, minimum temperature rise of cables, dust retention minimised, no water retention if a fire extinguishing system is triggered

**MAXIMUM FLEXIBILITY GUARANTEED**

**FIRE RESISTANCE**

Cablofil the Legrand cable tray with the most certifications has successfully passed all the laboratory tests and complies with the requirements of the standards (UL, IEC EN 61537). It is certified E 30/E 90 in line with DIN 4102-12 standard and CSIRO.

An **extensive range of finishes** to match the requirements of the installation:

- The EZ+ version (additional coating applied over zinc electroplating - standard EN ISO 2081) is particularly suitable for corrosive environments such as road tunnels, airports or power generation facilities, guaranteeing excellent resistance over time.
P31 & SEICO METAL CABLE TRAYS

- **Available in solid or perforated sheet metal and in various versions**
  From “light” to “extra heavy duty” depending on the requirements of the site

- **Excellent mechanical strength and rigidity**
  Safety edge and ridge for clipping on covers

- **Staggered perforations**
  Can be attached to supports without drilling (for the perforated sheet metal version)

- **Clip-on covers, coupling systems and screw-free fixing**
  Easier installation and adaptation to all configurations (for the perforated sheet metal version)

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**CLEVER DESIGN**

**High Quality**

**Excellent Fire Resistance**

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**Optimal fireproof structure.**

The P31 perforated sheet metal cable tray guarantees very high fire resistance.

It is certified E 30/E 90 in line with DIN 4102-12 standard.

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In the same range:

- **P.06** Swifts & Seico cable ladder
- **P.07** Metal support systems
- **P.08** Polysis composite cable tray
- **P.09** PVC cable tray

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Our other cable tray families:
Increased capacity for heavy loads up to 100 kg/m with a 6 m span

Can carry a very large number of cables: a solution ideal for large sites.

Special support system
Numerous configurations possible with the routing accessories

Quick to install and lower equipment costs
Integrated coupling system on all risers, joining kits, quick bolt-nut fixing...

Rolled edges
Increased strength and safety when fitting (no sharp edges)

Open structure
Visual inspection and maintenance of cables, minimum temperature rise of cables, dust retention minimised, no water retention if a fire extinguishing system is triggered

The range is available in widths of up to 900 mm.

90° Flat bend

90° Inside riser

Ladder length

UNFACING STRENGTH

SOLUTIONS

SWIFTS & SEICO CABLE TRAYS

WWW.LEGRAND.COM
STRENGTH SAFETY AND ADAPTABILITY

METAL SUPPORT SYSTEMS

- **Flexibility and compatibility**
  A single range for all metal cable trays (wire, sheet metal or cable ladder)

- **Appropriate solutions**
  According to the fixing type: wall, ceiling, floor...

- **Quick and easy to install**
  Automatic assembly systems available on many of the supports in the range

AN EXTENSIVE RANGE OF SOLUTIONS SUITABLE FOR ALL APPLICATIONS

**Maximum safety.**

Various surface treatments available according to the degree of corrosion of the location.

Products tested in line with the recommendations of standard IEC/EN 61537.

A complete, functional range of accessories for installing cable trays

In the same range:

- **P.04** Cablofil steel wire cable trays
- **P.05** P31 & Seico metal cable trays
- **P.08** Polysis composite cable tray
- **P.09** PVC cable tray

Our other cable tray families:

WWW.LEGRAND.COM
Exceptional strength
The Polysis GRP range is made of a pultruded material which combines fibre glass and a thermosetting resin matrix, giving the cable trays exceptional mechanical strength, and resistance to corrosion, UV and chemical agents.

Optimum fire resistance
Non-flammable, self-extinguishing, flame retardant material (Class M1)

Impact resistance
High resistance up to 20 J, depending on the version

Easy, low-cost installation

Guaranteed safety.
Excellent electrical and thermal insulation. Operating temperature range: -20° to +130°C.

Halogen-free material. Conforms to the RoHS directive.

Ideal solution for industrial configurations in corrosive environments where a high degree of mechanical strength is essential: structures and tunnels subject to fire/smoke requirements.

The manufacturing method used makes this composite material corrosion-resistant and gives it excellent mechanical strength, guaranteeing the durability of installations.
THE IDEAL CHOICE FOR DAMP AND CORROSIVE ENVIRONMENTS

PVC CABLE TRAYS

- **Excellent resistance**
  To damp, corrosion and chemical agents

- **Non-flammable, self-extinguishing**
  Flame retardant and good fire resistance (Class M1)

- **Impact resistance**
  High resistance up to 20 J, depending on the version

- **Available in standard or reinforced version**
  With solid or perforated base

- **Easy to install**
  Lightweight for easy handling and transport, and easy to cut or perforate. Routing and fixing accessories for adaptation to complex configurations

- **Eco-friendly**
  PVC is 100% recyclable

**RESISTANT TO DAMP & CORROSION NO THERMAL STRESS**

The PVC cable tray does not conduct electricity. There is therefore no earthing.

Operating temperature range: -20° to +60°C.

Conforms to the RoHS directive.

Our other cable tray families:

- **P.04** Cablofil steel wire cable trays
- **P.05** P31 & Seico metal cable trays
- **P.06** Swifts & Seico cable ladder
- **P.07** Metal support systems