Chassis, Cabinets & Equipment Integration Business Introduction

Skyloyal Global Connecting Electronics (Shenzhen) Co., Ltd.
**Background:**

In July 2013, Alcatel-Lucent renovated the workshop of accessories and frame processing of Shanghai Bell company and by this way, it established a localized company. The whole team staff are all experienced employees who have ever worked in Shanghai Bell.

Our company seized the opportunity to put forward a new business cooperation model of chassis cabinet industry alliance, which relies on the original ALU chassis division of technical advantages. We strictly control the quality, provide the best price, the most perfect and convenient service for customers nearby. We have rich and original ALU outsourcing plant resources and we provide solutions according to the specific needs of different customers in different areas.
Alcatel-Lucent renovated the workshop of accessories and frame processing of Shanghai Bell company and established a localized company. The whole team and staff are experienced employees in Shanghai bell before, and has the international background.

France's Alcatel Lucent merged America's Lucent Technologies

In order to open up the Chinese market, Shanghai, Bell founded a joint venture company with France Alcatel.

Shanghai bell was established in Shanghai as the pioneer of China's telecom industry.
Business Model Introduction

With many years of cooperation, we are accredited with the original Alcatel-Lucent outsourcing factory cooperation throughout the country and can provide localized production and service according to customer's specific requirements.

Besides, we provide on-call service according to the customer’s designated place of delivery. In this way, we achieve optimization among the production cost, freight transportation cost, goods delivery time, etc.

Under the way of localization production, once problem appears, our technical and maintenance personnel can arrive at the scene as soon as possible to handle in time, in the process of installation and later maintenance. This model has been tested for over two years and well recognized by our customers.
The layout of Skyloyal chassis cabinets industry alliance:

(Shown in the figure are the ALU certified suppliers around the world)

**East China:**
- Changzhou YouDun
- Yuyao FuSheng
- Shanghai OuManPu
- Shanghai XinFeng

**North China:**
- Qingdao BangTai
- Qingdao BangNeng
- Beijing ZhenPu

**Central China:**
- Wuhan YiTaiDe

**South China:**
- Shenzhen RenDa
- Guangzhou NanDun

**Southwest China:**
- Guiyang KeQi
- Sichuan KeWei
- Chengdu YouDian

Skyloyal Global Connecting Electronics (Shenzhen) Co., Ltd.
Skyloyal Global integration supplier information:

Shown in the figure are the ALU certified suppliers around the world.
Our Partners

**OMP Mechtron:**
The OMP Mechtron co., LTD. is a mechanical and electrical integration products company in Europe which is specialized in Rack Cabinet 19”, ETSI, modular Subrack, CPCI and metric. And have offices in Italy, China, Mexico and the United States.

**Flextronics International Ltd:**
Flextronics is a global famous Electronic Manufacturing Service providers. With global headquarters in Singapore, Flex provides advanced design, manufacturing and supply chain services through a network of over 100 facilities in approximately 30 countries across four continents. Flex works with companies in nearly every industry including automotive, aerospace and defense, building and housing, cloud, communications, consumer, energy, enterprise, health and medical, lighting, industrial, mechanicals, and power.

**Eltek Euro:**
Eltek is a world leader in high-efficiency power electronics and energy conversion. As a global corporation, Eltek has customers in more than 100 countries across a variety of industries including telecom, rail and infrastructure, power generation, power distribution and solar energy.

**Pentair US:**
Pentair is a global water, fluid, thermal management, and equipment protection partner with industry leading products, services, and solutions. Pentair has a global team of 30,000 employees. They are strongly inspired by their role in the world and their customers.
Advantages:

- **Save Cost**
  The Sub-regional supply pattern transporting across multiple provinces changed the mode of transportation into the existing nearby delivery, which saved a lot of logistics costs.

- **Fast delivery**
  The delivery time has been greatly shortened, it takes at least 3-4 days to deliver goods across provinces in the past, but now, goods arrive in the next day.

- **Local service**
  The shortest distance way can achieve the fastest response mechanism to solve the emergency situation in the first time, to provide high-quality, efficient pre-sales and after-sales service and to provide non-standard accessories on the basis of standard products.

- **High quality and best price**
  The same quality as ALU, Our price is the best.
Our products:

**Power supply cabinet**
- Power supply, power distribution units
- Mobile outdoor cabinet groups
- Cable outdoor cabinet groups

**The data center**
- 19-21 inch frame
- All optical network products series boxes
- The Internet product all series boxes
- The backboard of Internet products

**Mobile communication**
- The backboard of wired products
- Backboard of the distributed base stations
- Mobile products, RF unit subframes
- Wired access products sub boxes

**Indoor and outdoor communication production**
- The power distribution unit modules
- Fan and fan units
- Assembly parts
Cabinet Overview:

1. Fast to design; easy installation; various sizes; customized size;
2. The frame structure effectively improves the degree of protection;
3. If there’s no front door, we can set up vertical troughs in the front part, which is convenient for the cable management;
4. There is no gap between the frame and the equipment, which further improves the cooling efficiency;
5. High ventilation rates of the front and back door; the permeability conforms to industry standards; the ventilation rate is 70% or higher; openings 42 u * 480 (600 width); the opening area 42 u * 480 or higher (800 width);
6. To enhance the overall strength of the door through a unique process
7. Adopts quick installation hinge; convenient assembly and disassembly;
8. Mute design; switch without noise; anti metal collision;
9. Quick-assembly roof; convenient assembly and disassembly; strengthening design; good bearing;
10. Side panels adopts fast assembling design.
11. Castor and supporting feet adopt integrated design; easy installation; safe and convenient;
12. Good cabinet integrity; strong adaptability; We have fully taken into account the handling, lifting, stacking, and harsh construction conditions on the cabinet caused by scratches, damage, pollution and so on;
13. The whole cabinet is packed in a separate package, one for each cabinet, and it is easy to install on-site;
14. L-shaped bracket; fixed plate; the overhead fan module adopts fast loading or tool-free installation;
15. Roof adopts design of strong and weak protective sleeve;
16. Cabinet adopts electrophoresis treatment, which improves the anti-corrosion performance;
17. The products are subjected to equipment installation and load test, lifting test, seismic strength test, environmental performance test, structural test and protection grade test.
1. The power distribution cabinet
2. Dynamic environment monitoring
3. Cooling channel
4. The cooling system
5. Lighting system
6. Linear integration
Various types of indoor and outdoor cabinets

Various types of indoor and outdoor cabinet size, which widely used in telecommunications, electric power, finance. According to the different needs of our customers, we can provide design, prototype production, mass production and processing services.
The machine frame series

Integration of subsystems within the equipment, including the circuit board, the rear panel, the power supply module and the fan module.
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Sheet metal parts, injection molded parts, panels, lead rail... processing parts series, etc.
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High and low voltage electrical products

GCK Low voltage removable

GCS Low voltage output cabinet

High voltage wiring connection cabinet

MNSI low voltage removable switching cabinet

AC enclosing switching cabinet

Protection removable cabinet
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UPS and frequency conversion cabinet series products

- Frequency equipment cabinet
- UPS cabinet
- DC power unit
- Tele equipment subrack
- Power unit subrack
- Tele equipment subrack
The server and pv cabinets

Skyloyal Global Connecting Electronics (Shenzhen) Co., Ltd.
Production process and ability
The main equipment

Laser cutting machine

Automatic bending machine

Mechanical scanner

Numerical control punching machine

CNC bending machine

Automatic deburring machine
Typical customer cases:
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