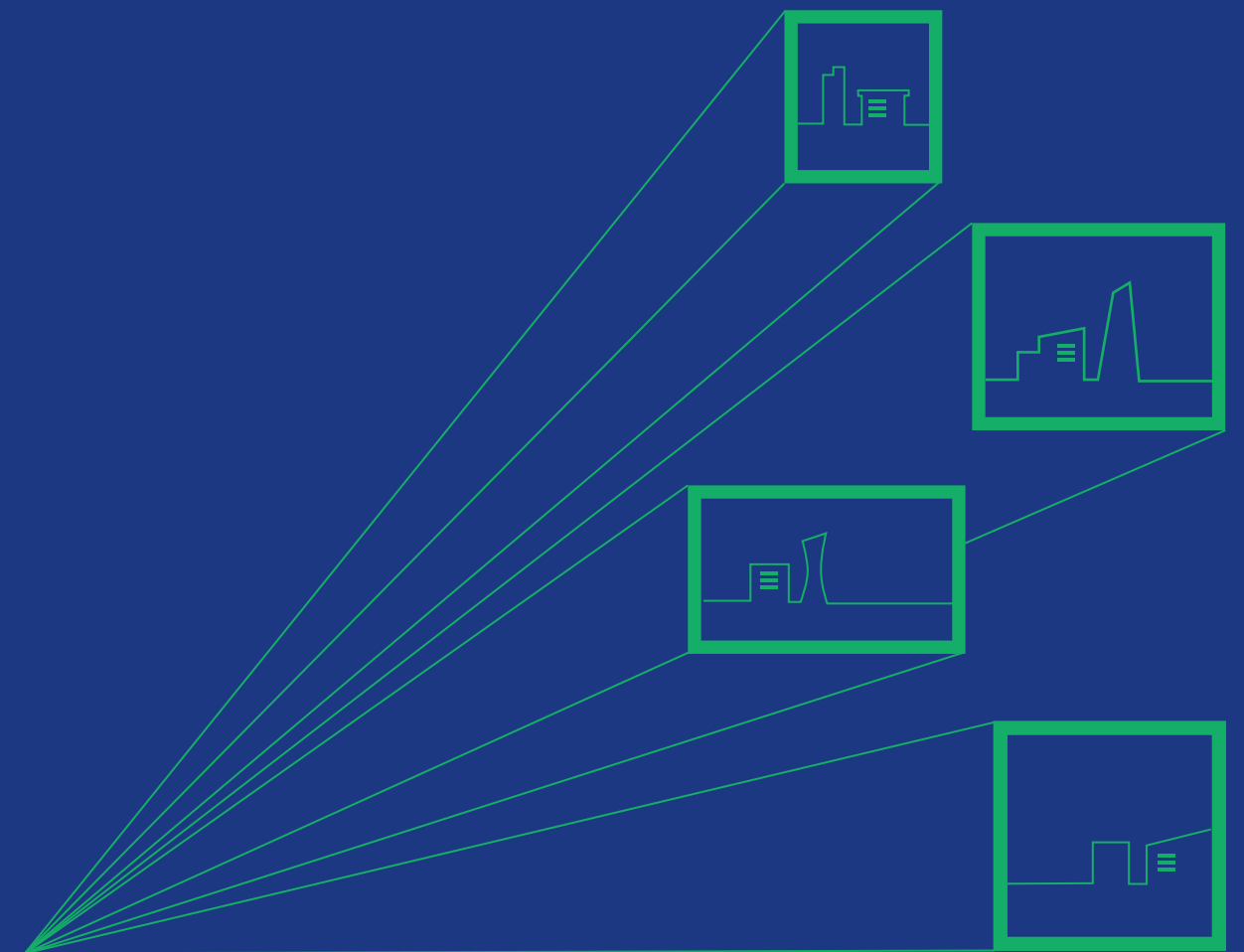
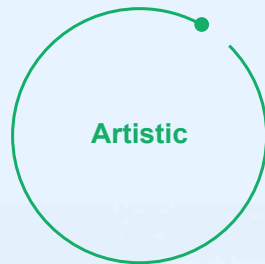
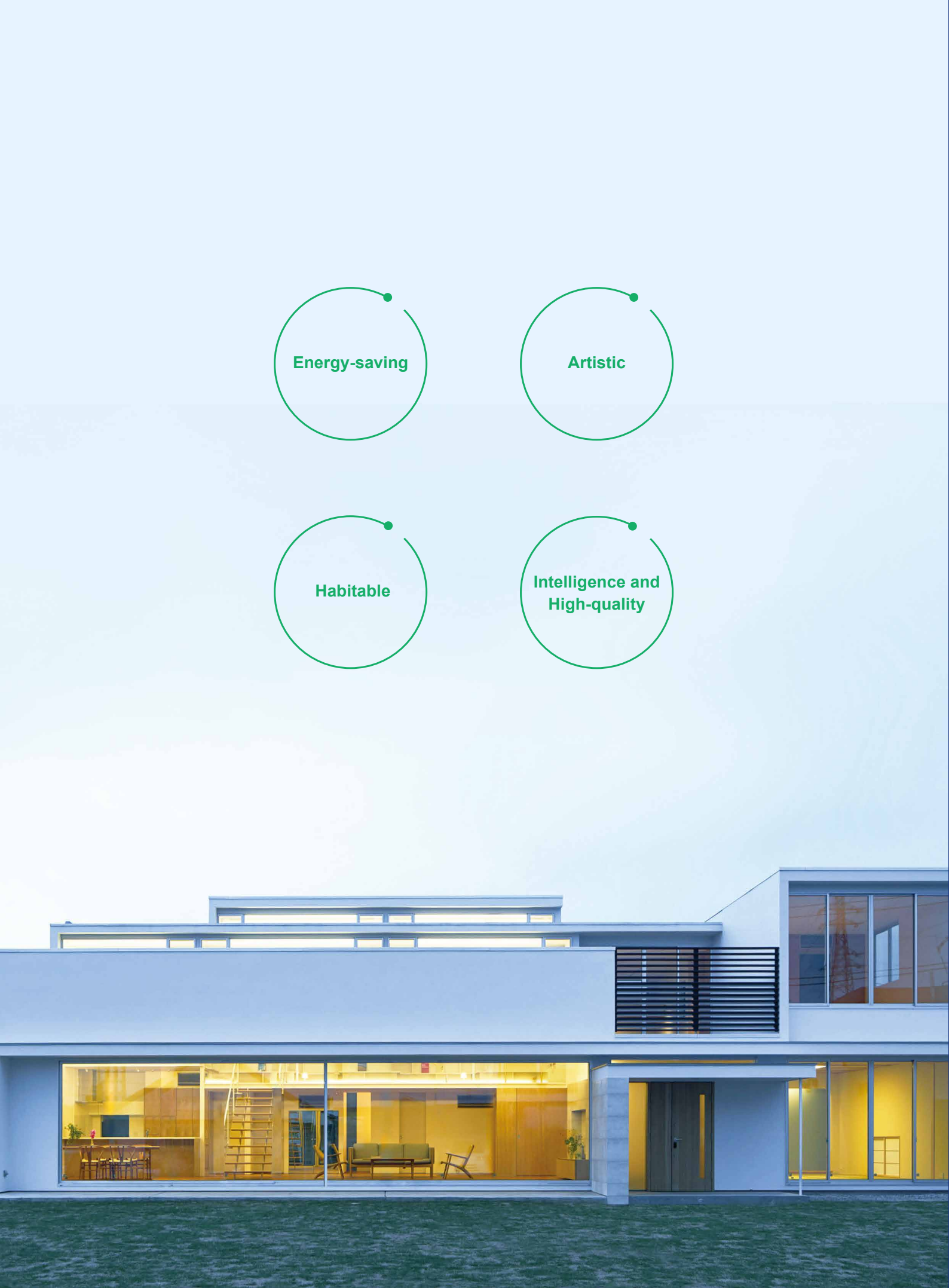


# Hunan Greensee Doors & Windows Curtain Wall Co.,Ltd

🌐 [www.gswindoor.com](http://www.gswindoor.com)





# CONTENTS

Company Introduction	1
History	2-4
Intelligent Factory	5-7
R & D	8-10
Project Experience	11-14
Qualification	15-16

Products	17-32
Product Concept	18
Product Style	18
Product Series	19-32

Project Reference	33-40
Large-scale Project	34-36
Home Decoration	37-38
Prefabricated Building	39-40





## Company Profile

Hunan Greensee Doors & Windows Curtain Wall Co.,Ltd focus on manufacturing Aluminium alloy Doors and Windows since its establishment in 2001. We have developed more than ten generations of recognized products independently in the past 22 years, serves more than 50 thousand high-quality pursuit families each year. so is that gained the reputation with the largest production base of aluminum alloy door and window curtain wall in central and southern China.

The company covers an area of 55 acres, owns a 13000 square meters large span steel structure standard workshop , our annual capacity exceeds one million square meters of aluminum alloy doors and Windows curtain wall, Equiped with a full set of MES intelligent interactive production line, WCS unmanned intelligent, The main products is Aluminium alloy doors and Windows, curtain walls, sunlight rooms, awnings, guardrail and so on.

Hunan Greensee Doors & Windows Curtain Wall Co.,Ltd integrates global high-quality Doors and Windows supply resources, and was widely recognized by the top 10 real estate and many other domestic quality real estate with high quality products and service.

# History

More than **20** years  
of production experience,  
Advanced design concept  
and manufacturing engineering.

01

## 2001-2003

### Company Established and Invest the Production base

In 2001,Hunan Greenseer Doors and Windows Co., Ltd. was formally established, production base finished in 2003, production and provide market-oriented aluminum alloy doors and Windows products and services, implement unified production staff management and project management.wall in central and southern China.

## 2009

### Put into construction of Muyun production base, production chain transformation, 6S production management

Muyun production base which covers an area of 20,000 square meters was putted into operation,Implement of production chain transformation and 6S management,initially built a customer requires oriented management system with on-time procurement, on-time production and on-time delivery planning .

## 2013-2015

### Full set of inner information management system has been set up. Several projects were established and get praise one after another.

In 2003, Fully apply information systems such as Klaes, Cloud Monkey, and T+within the enterprise, preliminarily achieve management informatization; Foshan, Chongqing and other provincial project departments have been officially established, The market extend from Hunan to the national market. In 2014, The Research and Development center was set up, began its transformation to R & D product, officially signed the new chapter of the customer requirements oriented , with the focus on quality management and to provide one-stop solutions .

## 2019

### Several new products was launched,Obtained CE certificate

In 2019,Several new products was launched, Item 80 obtained CE certificate, other new products such as narrow frame windows and panoramic doors were widely recognized by the customers, leading the passive window industry.

## 2005-2008

### Import advanced equipment and gained ISO quality system certificate

In 2005,The Quality Department and after-sales service Department was set up to fully implement the quality assurance system, on-site 5S management system, and comprehensively improve the quality and service; and Gained the first ISO9001 quality system certification. In 2006,Introduce full set of Yale manufacturing equipment from Germany, the Enterprises began the transformation of finish machining.

## 2010-2012

### Establish International strategic cooperation, master the design, production and installation technology of system doors and windows .

In 2010, We establish the cooperation with Belgium Reynus which is one of the world's three major system doors and Windows supplier. Learn the design concept of system doors and Windows , and master their manufacturing, processing and installation capabilities,The annual production and installation capacity exceeds 300,000 square meters.

## 2016-2018

### The Xingsha Industrial Base has been put into operation with semi-automatic or fully automated production manufacturing equipment, The annual capacity reached 1 million square meters, In 2017, Chinese domestic home decoration brand "GENAMO "was registered:

In 2016, The Xingsha Modern Production Base has been put into operation, all the production manufacturing equipment achieving semi-automatic or fully automated, software combined with equipment ,lays the firm foundation for intelligent transformation; The annual production capacity reached 1 million square meters. The company domestic high-quality residential decoration brand "GENAMO" System Doors and Windows" has been registered which can mutually empowered with engineering.

## 2020

### Introduce ERP system. Finished the transformation of production line

IWe have completed a three-year comprehensive intelligent upgrade and transformation of the production line with 5G and artificial intelligence.-so is that we gained the reputation of a leading comprehensive enterprise of door and window in China that integrates research and development, intelligent production, marketing installation, and after-sales service.



## Intelligence production

Annual Production exceeds  
1 million square meters,  
which can meet the mass production  
and customized production for customers.

02

As early as 2006, Hunan Greensee Doors and Windows Curtain Wall Co.,Ltd introduced a full set of Yale manufacturing equipment from Germany. In recent years, we successively introduced ERP systems, full set of MES intelligent interactive production lines, and WCS unmanned intelligent warehouses, which greatly improved production accuracy and ensured product quality and production efficiency, At the same time,it reduced the production losses and labor costs. The annual production capacity exceeds 1 million square meters.





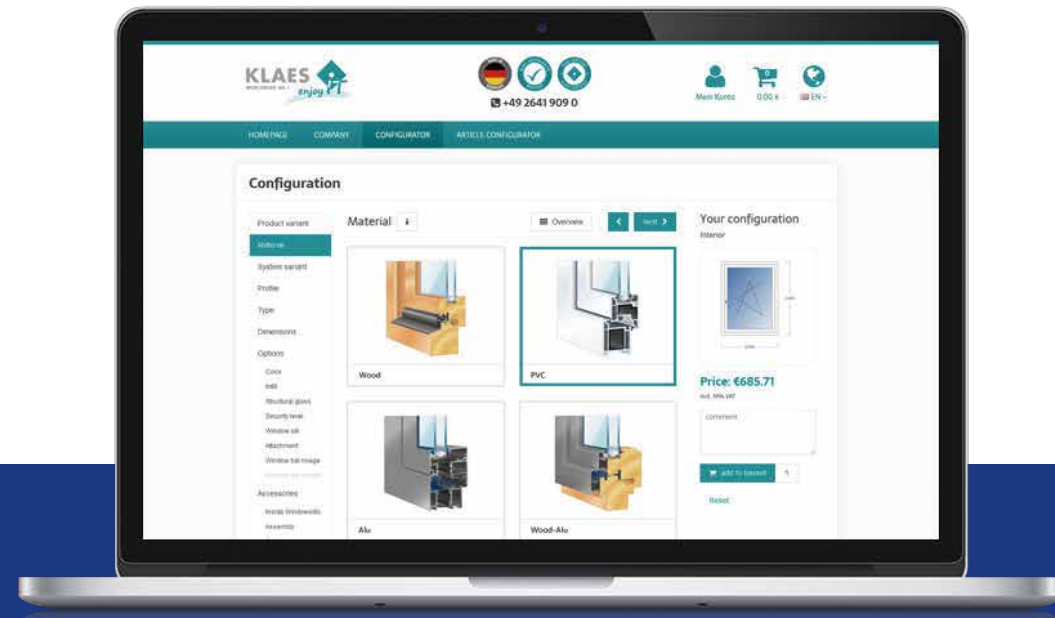
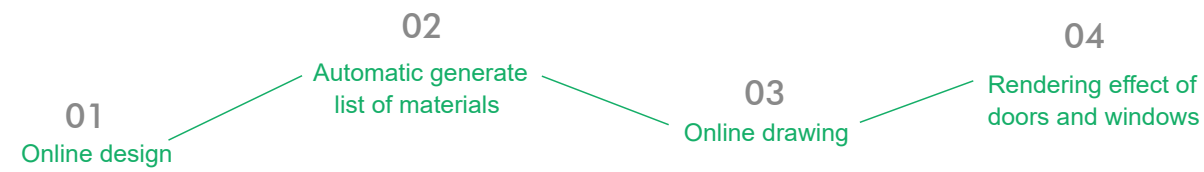
## Research & Development

We have **powerful design capabilities** to meet customers' diverse and flexible customized requirements.

03







Hunan Greensee Doors & Windows Curtain Wall Co.,Ltd reached and maintained long-term deep cooperation with global top door and window resources in joint research and development design,we keep innovation in different ways, in Material, Modern technology, User' s Experience and Future tendency. We can provide more feasible and diversified solutions for engineering project, residential decoration and renovation. The design institute has been established with 40 experienced designers. We can respond to customer requirements in very short time with global top design software of doors and windows which can be online design, online drawing, automatic generate list of materials and rendering effect of doors and windows .Provide users with customized products that user-friendly, safe, intelligent, energy-saving, and environmental friendly.

# Suppliers /

## International -----

**Sobinco**

SOBINCO (Belgium)

**ENSINGER**

ENSINGER (Germany)

**SEMPERIT**

SEMPERIT (Germany)

**WÜRTH**

WURTH (Germany)

**AMIDOLGY**

AMIDOLOGY ( Japan)

**H.B. Fuller**

H.B.Fuller (United States)

**SIEGENIA AUBI**

SIEGENIA (Germany)

**HOPPE**

HOPPE (Germany)

**Roto**

ROTO (Germany)

**GU**

G-U (Germany)

**TIGER**

TIGER (Austria)

## Domestic -----

**ZHONGYA**

ZHONGYA Aluminum

**GUANGYA**

GUANGYA Aluminum

**兴发铝材**

XINGFA Aluminum

**AAAG 亞鋁**

GUANGYIN ASIALUM

**坚朗 KIN LONG**

KINGLONG

**合和建筑五金**

3H INC

**Golking**

GOLKING

**ZHIJIANG**

ZHIJIANG

**旗滨集团 KIBING**

KIBING

**耀皮**

SYP GROUP

**白云**

BAIYUN

BAIYUN

.....



# Project experience

Experienced the design and production for more than 100 engineering projects

04



We were widely recognized by the famous real estate with modern and intelligence design, high-quality product, perfect service and years of project experience. We have established deep and long strategic cooperation with top real estate enterprises and Benchmark mansion. At the same time, our products are exported to Europe, North America, the Middle East, and Southeast Asia. Long-term cooperation has been established with multiple overseas infrastructure companies .

## / Service brand

vanke 万科

 中海地产  
CHINA OVERSEAS ESTATE

 华润置地  
CR LAND

 运达集团  
YUNDA GROUP

 旺德府

 远大  
BROAD

 珠江实业  
PEARL RIVER ENTERPRISES

 湖南建投集团  
HUNAN CONSTRUCTION INVESTMENT GROUP

SNTO 晟通

JINMAO 中国金茂





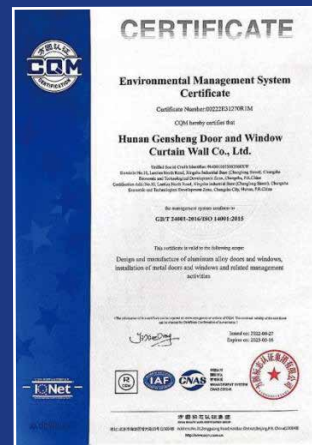
# Qualification

CE,ISO Certificate. We won unanimous recognition by the government, media, industry, and consumers ,and was recommended by National high-tech enterprises, Hunan small giant enterprises, Hunan intelligent manufacturing demonstration base, Hunan high-quality brand capacity improvement pilot enterprises, Hunan digital New Infrastructure landmark projects, CCTV brand recommendation. The project has obtained 2 domestic invention patents, 6 utility model patents, and 2 software copyrights. It has been awarded multiple awards, including the National Top 10 Intelligent Doors and Windows, The National Door and Window Quality Gold Award, The Top 10 Chinese System Doors and Windows Enterprises and The Top 10 National System Doors and Windows Brands.

## Certification



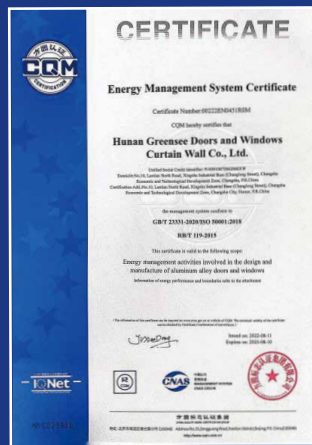
ISO 9001



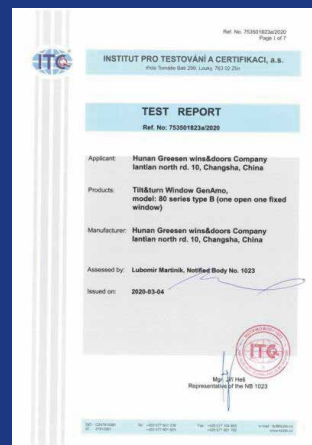
ISO 9001



ISO45001



ISO45001



ISO 5001



CE Certificate

## Certificates of Awards



Outstanding supplier of the Year 2016 for VANKE



Hunan Honest Enterprise

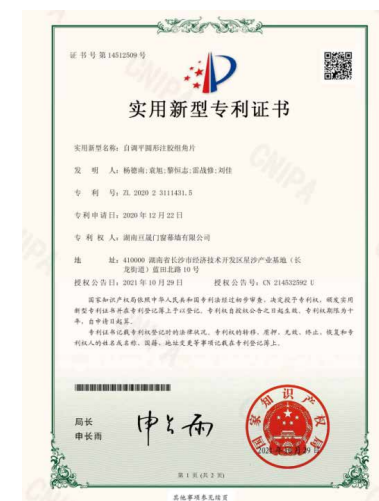


National Door and Window Quality Golden Award



National Top 10 Intelligent Doors and Windows Products

## Patent Certificate



Self leveling circular glue injection group corner piece



Intelligent automatic installation production line for doors and windows and production method



# Product

More than **20 years** of production experience, Advanced design concept and manufacturing engineering.

06

## / Product Concept

Meeting the customized requirements of customers, we comprehensively consider the local climate,floors,ages and usage habits, provide energy-saving, beautiful, habitable and intelligence high-quality products.

## / Product style

Meeting the customized requirements of customers, we comprehensively consider the local climate,floors,ages and usage habits, provide energy-saving, beautiful, habitable and intelligence high-quality products.



Full of romanticism with Classic and elegant design is full of romantic.



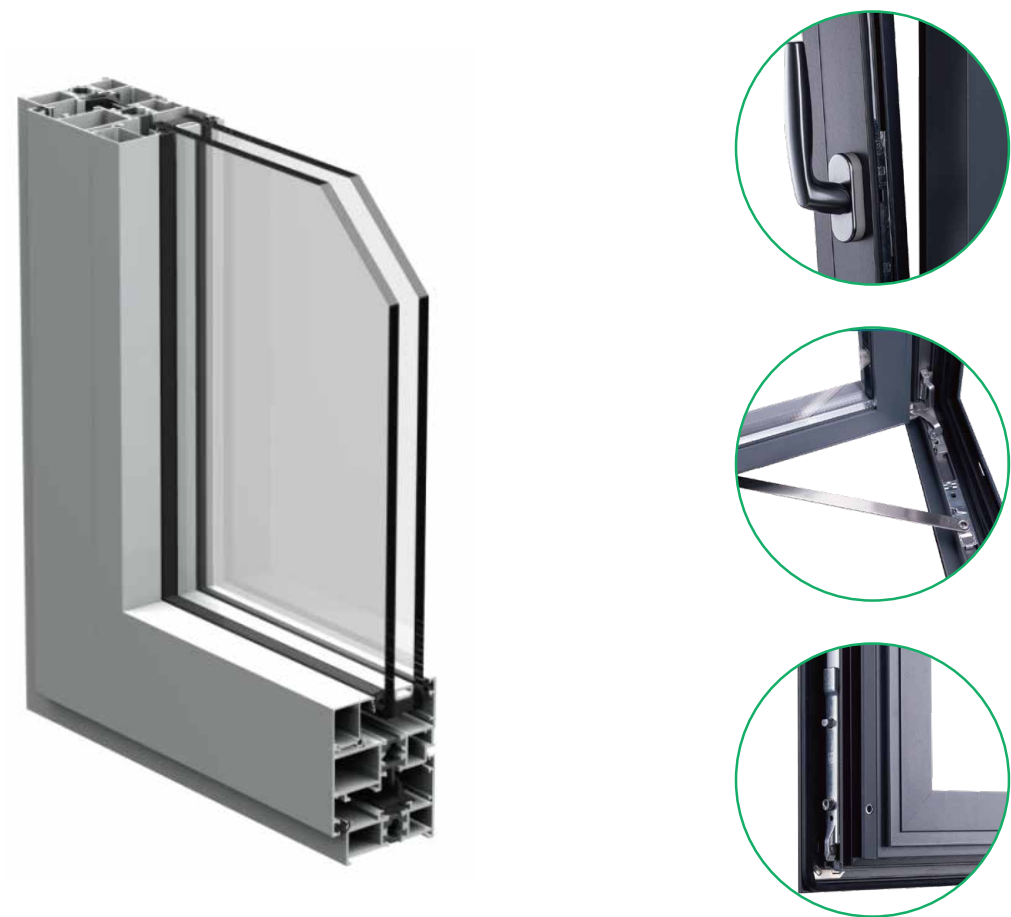
Unique atmosphere of Chinese cultural elements.



Full of comfortable atmosphere with simple, modern, and high-quality doors and windows



Intelligent,High performance,Energy-saving.



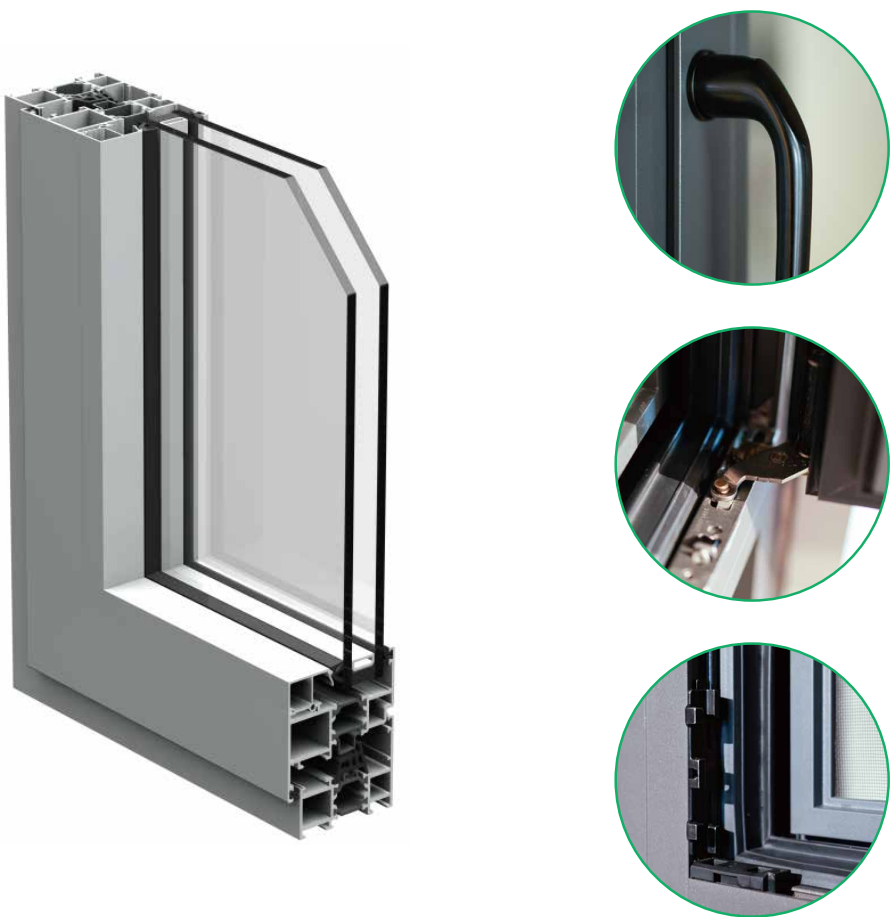
55 Series Tilt & Turn Window

Technical Data

Profile thickness	1.4mm
Color	Outdoor deep grey/coffee ,Metal grey indoor
Glass	5mm+15A+5mm Hollow tempered glass
Accessories	German import handle, SIEGENIA locking system
Insulation strip	Domestic brand ; width: 14.8mm
Opening style	Fixed,Tilt & Turn
Screen	Independent inward screen, Material: Polyester

Performance

Water tightness	700Pa
Air tightness	2.0m³/(m² * h)
Wind resistance	2.8Kpa
Sound insulation	35dB
Heat Insulation	2.0W/m²K



65 Series Tilt & Turn Window

Technical Data

Profile thickness	1.8mm
Color	Deep grey/coffee outdoor,Metal grey indoor
Glass	5mm+16A+5mm Hollow tempered glass
Accessories	German import handle, SIEGENIA locking system
Insulation strip	Domestic brand ; width: 24mm
Opening style	Fixed,Tilt & Turn
Screen	Integrated inward screen, Material: Polyester

Performance

Water tightness	900Pa
Air tightness	1.5m³/(m² * h)
Wind resistance	3.5Kpa
Sound insulation	35dB
Heat Insulation	1.8W/m²K



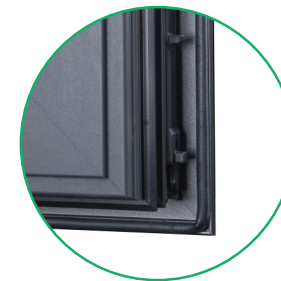
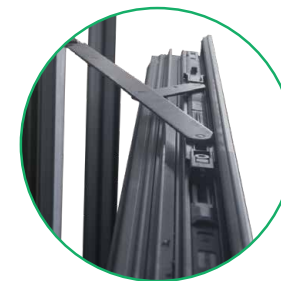
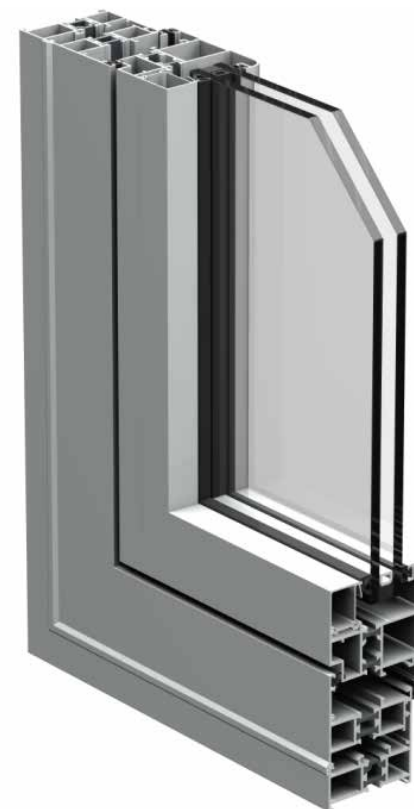
## 75 Series Tilt & Turn Window

### Technical Data

Profile thickness	1.8mm
Color	Deep grey/Coffee outdoor,Metal grey indoor
Glass	5mm+12A+5mm+12A+5mm Hollow tempered glass
Accessories	German import handle, SIEGENIA locking system
Insulation strip	Domestic brand ; width: 34mm
Opening style	Fixed,Outward-opening
Screen	Integrated inward screen, Material: Polyester

### Performance

Water tightness	900Pa
Air tightness	1.0m <sup>3</sup> /(m <sup>2</sup> * h)
Wind resistance	3.8Kpa
Sound insulation	40dB
Heat Insulation	1.3W/m <sup>2</sup> K



## 55 Series Outward Swing Window

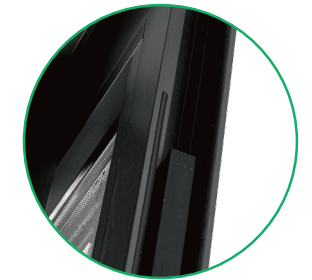
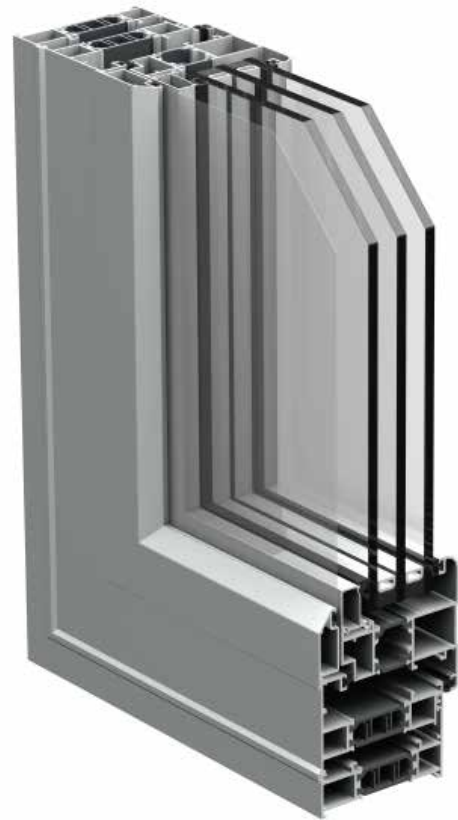
### Technical Data

Profile thickness	1.4mm
Color	Deep grey/Coffee outdoor,Metal grey indoor
Glass	5mm+12A+5mm Hollow tempered glass
Accessories	Domestic brand handle, KIN LONG locking system
Insulation strip	Domestic brand ; width: 14.8mm
Opening style	Fixed, Tilt & Turn, Top-hung

### Performance

Water tightness	700Pa
Air tightness	2.0m <sup>3</sup> /(m <sup>2</sup> * h)
Wind resistance	2.8Kpa
Sound insulation	35dB
Heat Insulation	2.5W/m <sup>2</sup> K





## 80 Series Outward Swing Window

### Technical Data

Profile thickness	1.4mm
Color	Outdoor deep grey/coffee ,Metal grey indoor
Glass	6mm+20A+6mm Hollow tempered glass
Accessories	Domestic brand hand operated window opener
Insulation strip	Domestic brand ; width: 39mm
Opening style	Fixed, outward opening, Top-hung
Screen	Integrated fixed screen, Material: Polyester

### Performance

Water tightness	700Pa
Air tightness	2.0m³/(m² * h)
Wind resistance	2.8Kpa
Sound insulation	35dB
Heat Insulation	1.8W/m²K

## Sliding Window (Ordinary aluminum)

### Technical Data

Profile thickness	1.4mm
Color	Outdoor deep grey/Coffee / Metal grey
Glass	5mm Hollow tempered glass
Accessories	Domestic brand hook lock, KIN LONG locking system
Opening style	Fixed, Sliding
Screen	Integrated sliding screen

### Performance

Water tightness	350Pa
Air tightness	1.5m³/(m² * h)
Wind resistance	2.0Kpa
Heat Insulation	3.5W/m²K



130 Series Lift Sliding Door

Technical Data

Profile thickness	2.0mm
Color	Outdoor Deep grey/Coffee ,Metal grey Indoor
Glass	6mm+12A+6mm Hollow tempered glass
Accessories	Belgium import handle, SOBINCO locking system
Insulation strip	Ensinger ; width: 22mm
Opening style	Fixed, Single-side Lift Sliding

Performance

Water tightness	700Pa
Air tightness	1.5m³/(m² * h)
Wind resistance	2.5Kpa
Sound insulation	35dB
Heat Insulation	2.0W/m²K



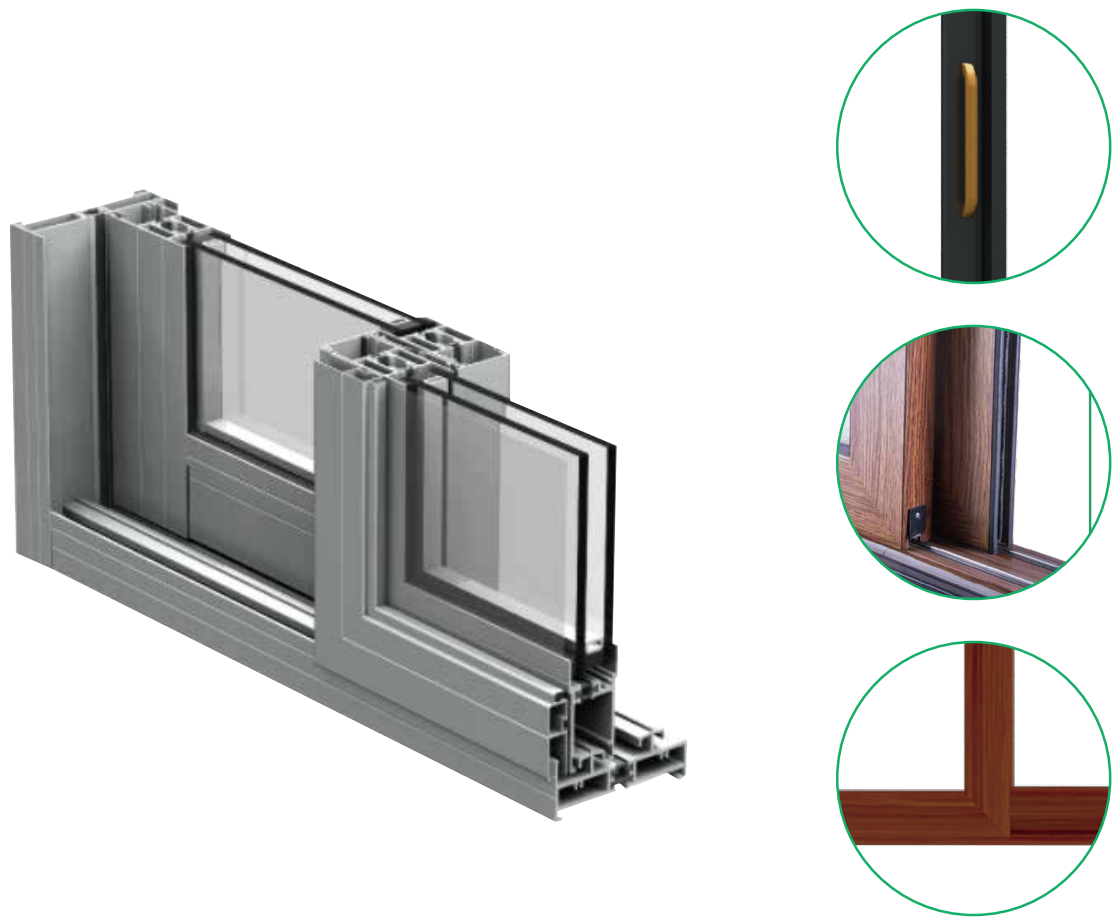
145 Series Lift Sliding Door

Technical Data

Profile thickness	2.0mm
Color	Outdoor deep grey/coffee ,Metal grey indoor
Glass	6mm+12A+6mm Hollow tempered glass
Accessories	Belgium import handle, SOBINCO locking system
Insulation strip	Ensinger ; width: 22mm
Opening style	Double-side Lift Sliding

Performance

Water tightness	700Pa
Air tightness	1.5m³/(m² * h)
Wind resistance	2.8Kpa
Sound insulation	35dB
Heat Insulation	2.0W/m²K



## 90 Series Sliding Door

### Technical Data

Profile thickness	2.0mm
Color	Outdoor deep grey/Coffee ,Metal grey Indoor
Glass	6mm+12A+6mm Hollow tempered glass
Accessories	Domestic brand handle, KIN LONG locking system
Insulation strip	Domestic brand; width: 14.8mm
Opening style	Fixed, Single-side Sliding
Screen	Integrated sliding screen

### Performance

Water tightness	350Pa
Air tightness	1.5m³/(m² * h)
Wind resistance	3.0Kpa
Heat Insulation	2.6W/m²K



## 75 Series French Door

### Technical Data

Profile thickness	2.0mm
Color	Outdoor deep grey/coffee ,Metal grey indoor
Glass	6mm+20A+6mm Hollow tempered glass
Accessories	Import door lock, SOBINCO locking system
Insulation strip	Ensinger ; width:30mm
Opening style	Fixed, Swing

### Performance

Water tightness	700Pa
Air tightness	1.5m³/(m² * h)
Wind resistance	3.0Kpa
Heat Insulation	2.0W/m²K



# / Sunlight Room



## Simple Sunlight Room

Technical Data

Profile Surface	Powder Spraying
Color	Deep gray/Coffee
Thickness	2.0mm
Glass	Laminated hollow glass 5mm (Low-e)+12A+5mm+0.76pvb+5mm Laminated hollow glass With aluminum alloy sink and downpipe
Roof slope	2%~5%
Application	Small slope Sunlight rooms
Column	100*40 / 120*50 optional based on the actual span and load-bearing Electric skylight window optional

## System Sunlight Room

Technical Data

Profile Surface	Powder Spraying
Color	Metal deep gray
Thickness	3.0mm
Glass	5mm (Low-e)+12A+5mm+0.76pvb+5mm Laminated hollow glass With aluminum alloy sink and downpipe;
Roof slope	2%~70%
Application	Large slope Sunlight rooms , Single /Double side slope optional

# / Bulastrade/ Canopy



## Glass Balustrade

### Technical Data

Profile visible width	151mm
Glass embedding depth	100mm
Glass specification	2.10+1.52pvb+10mm laminated tempered glass

## Glass Canopy

### Technical Data

Profile visible width	122mm
Glass embedding depth	122mm
Glass specification	1.10+1.52pvb+10mm laminated tempered glass
Slope	2.3° (standard)



# Project Reference



## Changsha HuayuanHua comprehensive business Center

Full view of Juzhou, Island the panoramic view of the Xiangjiang River, and the cultural essence of a city, fully capturing the world's rare city with mountain and river, urban landscape.

## 01 Large-scale Project

### Flat-floor mansion



## Changsha YinXiangjiang mansion community

The large flat floor, the panoramic river view, the benchmark mansion epitome of customized living by the river.



01

# Large-scale Project

## Boutique villas



### / Changsha Xiangjiang No.1 mansion

Background with Xiangjiang River and Eyang Mountain, The architecture organically integrated with nature, have a panoramic view of the group of single-family garden villas on the river.



### / Heshun Mansion

Designed by the internationally renowned Neri&Hu Design & Research Office, it features a minimalist style with grey and white , low-key and luxury.

01

# Large-scale Project

## Construction Curtain Wall



### Changsha YUNDA Central Square

Located in the core area of Changsha business district, Changsha low-carbon building model and ecological community model, won the 2020 Building Economy and TREND Landmark of China (including blocks).



### Vanke Valley Mountain Park

Incorporate humanities into architecture. The grass, tree and scene is truly blend with nature, bringing the artistic conception of "getting the interest of mountains and forests without leaving the city"



## 02 Boutique home decoration



### Longhutianpu Mansion

Panoramic floor-ceiling window, Dream House in city center.



### Pingjiang Shanshui Mansion

A window gives you a peaceful and elegant world.



### Pingjiang SHANGDEYUAN Mansion

Beautiful scenery is like a screen painting, perfectly connecting indoor and outdoor



# 03

## Prefabricated building



### Module BOX 1

Minimalist and efficient, make your home more Energy-saving and Environmental friendly.



### Module BOX 2

Customer first, Exquisite, Artistic, Comfortable, Fully of modern sense.



### Module BOX 5

Continuously improving craftsmanship and innovative design can meet Client's customized requirements.