WE
REALIZE
DREAMS

GIG

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Unique premium facades for key-architectural projects worldwide

Architecture is an extremely versatile and complex field of activity. Technology, functionality and economy play equally important roles as aesthetics and creativity, and it is a field demanding great sensitivity and responsibility. It characterises the appearance of a City for many years. How impressive a building looks, how harmoniously it blends into its surroundings or how it is highlighted as a status symbol, is strongly determined by the „clothing" of the structure: the facade.

GIG is an experienced and internationally renowned manufacturer of facades of the highest quality. We are the right partner for architects, planners and designers, who want more. With comprehensive services and a broad wide range of products we provide demanding Architects with the possibility of giving free rein to their creativity and innovative approach. Thereby, we support them in many ways. Feasibility studies, project management, manufacturing, installation and much more: in close cooperation we develop tailor-made solutions in premium quality and competently implement them based on many years of experience.

Together with us visionary ideas are transformed into reality. Outstanding design and aesthetics merge harmoniously with all technical, functional and energy requirements. From the idea to the perfect implementation: we are the reliable partner with whom you can realize your architectural dreams.

Should individuals be named in male or female form only for reasons of better readability, the other gender is also implied.

GIG

WE REALIZE DREAMS

Credits:

Markus Bstieler: IceQ Sölden I Stefan Müller: Europa-Allee Zürich I Felix Friedmann: Abford House London, Jewel of Oxford Street London, WCEC of the British Museum London, WU Wien, Athletes Village Stratford, Park Royal Palace Hotel Wien, More London Hilton Hotel London, Hauptbahnhof Wien I Paul Zanre Photography: Quartermile Edinburgh I Sheppard Robson Architects: Orange Manchester I Alan Karchmer: Peace Bridge Calgary I Energie AG: PowerTower Linz I Wimmer: AEC Linz I Sannini: University College London I Paul Tierney: Burlington Road Dublin, No.1 Grand Canal Square Dublin I Peter Stangl: Rivergate Wien I Eric Krügl: Portraits I

Unitized

Abford House „The Peak" London, UK

Architect | Sheppard Robson Architects
Employer | Carillion plc

Solution | „The Peak" was erected in the prominent London Borough of Westminster opposite to Victoria Station. The 9-storey, exclusive office building was designed as a peninsula between two roads.
On the West and East side 1.6 ton large scale units of 6.7 m x 3.8 m were used.
The North facade is clad with structural glazing units. Facing South a monolithic photovoltaic system was installed, which is fully integrated into a mullion-transom-façade. The roof cladding consists of a curved steel construction weighing 100 tons, with 40 tons of heavy elliptical louvre profiles with spans of up to 7.5 m hanging from the curved steel beams. Due to innovative planning with a high degree of prefabrication, GIG was able to entirely meet the quality requirements and the logistical challenges of a city centre construction site. The building was awarded the Office Award „West End Development of the Year" in 2010.

Quartermile Edinburgh, UK

Architect | Foster and Partners
Employer | Sir Robert McAlpine Ltd

Solution | On the former site of the Edinburgh Royal Infirmary a new district was created as a mixed use of office, retail and residential buildings in a uniform style. Adapted to the surrounding buildings, this new development sets an architectural highlight in the centre of Edinburgh. GIG was awarded five project phases. 2 office buildings (Q2 and Q6), a pavilion with shops and two residential towers (Q16 and 18). Office and residential buildings are mainly executed in unitized design, based on the GIG Semi-Structural system and the supporting steel framing was reflected in the cladding design. So-called feature panels are modeled in the style of the heavy steel I-beams to picture frame the glazed areas.

Orange Media City Manchester, UK

Architect | Sheppard Robson Architects

Employer | Bovis Lend Lease Ltd.

Solution | Orange Media City sets new landmark in the Manchester skyline. The building is a 55 m high office and commercial building, which was mainly equipped with four element façade types. The East and West facade panels were diamond-shaped, natural anodised, with projecting sheet metal panels and triangular panes of glass with solar control coatings. On the North, South and East elevations of the building we mainly used glass elements or alternating glass and bronze anodised sheet plates in three shades of colour.

The podium is executed in 4 different mullion-transom-facade types, partly 2-storey high. The total façade area amounts to approx. 10,000 m². Another task was the construction of a glazed roof installed to a steel construction, equipped with automatic smoke vents, various soffit claddings and balustrades.

The challenges on the one hand were the implementation of the architecture of the diamond facade in form of elements, for which a new GIG system was developed and on the other hand, the co-ordination of the desired shades with the architect and the surface finishers.

Individual

Ice Q am Gaislachkogl Sölden, A

Architect | OMO Obermoser Architekten
Employer | Bergbahnen Sölden

Solution | A spectacular construction project at 3,000 meters above sea level - GIG defying high alpine challenges. In an impressive height of 3,048 meters the gourmet and design restaurant „Ice Q" on Gaislachkogl in Sölden sets new standards for high alpine building construction. GIG constructed the cube made of glass, timber and steel, and gave it its spectacular appearance. The transport of material over extremely steep mountain roads, the limited space on site and particularly the works at over 3,000 meters above sea level demanded maximum precision, no fear of heights, as well as planning and construction excellence from our staff.

Funicular Baku, AZ

Architect | Anton Müller, Wien
Employer | A+A Group

Solution | Supporting structure made of steel and glass. As part of the new construction of the funicular railway in Baku, Azerbaijan, we have made reality the new mountain and valley stations. The framework consists of a total of 816 different spatial nodes that were prefabricated and delivered with over a thousand rectangular hollow sections in 73 spatially curved part-elements. The shell was formed of about 2,000 different, oblique glass triangles.

Europa-Allee 21 Zürich, CH

Architect | Planergemeinschaft Max Dudler (C 30 und C 40), Gigon/Guyer (C 10), David Chipperfield (C 20)
Employer | Implenia Generalunternehmung AG

Solution | A New Look for four buildings. The ensemble of four buildings based on four differing constructions was designed by three architects into one appearance. The buildings are linked by bridge crossings.
We implemented unitized facades in a box-type window look, a building shell with exposed concrete and punched windows and double skin facades. For this construction we have produced the glass incorporating laminated sefar-mesh. Thus the facade was enabled to "play" with the changing daylight.

Peace Bridge Calgary, CDN

Architect | Santiago Calatrava
Employer | Graham Infrastructure
Client | The City of Calgary

Solution | The pedestrian and cyclist bridge connects the modern business district Down Town with the city and crosses the Bow River at the Western end of Prince's Island Park. The bridge catches the eye by the massive steel frame. In addition to the roof glazing, GIG was responsible for the production of the balustrade and handrail. In addition to the high architectural demands with oversized components, it was imperative to combine the steel construction tolerances with the extreme local temperature fluctuations and movements of the bridge, in which we succeeded to the complete satisfaction of the architect and the client.

Jewel of Oxford Street London, UK

Architect | Amanda Levete Architects
Employer | Ibex Interior Ltd.

Solution | "Diamonds" for London: The building has a unitized 3D „Diamond"-glass facade. It is a particular eye-catcher in Oxford Street that is often admired and photographed by passers-by.
In an architectural magazine, the facade was also known as the „Jewel of Oxford Street". Besides its impressive optical effects, the inner recesses that are formed by the „bays" of the façade open up sensational views of Oxford Street. In addition to the main façade, a Penthouse in the form of a mullion-transom construction was built on the roof. Furthermore, our scope contained the delivery and installation of punched windows, a lobby and various sheet metal facades.

As a special challenge at the refurbishment of the building constructed in the 1950's, the shops on the ground and first floor needed to be considered. The upper floors were stripped out, completely refurbished and equipped with the new façade, without the need for the shops to interrupt their business activities. The installation of the unitized elements of the complex diamond façade was completed in only 12 days.

WCEC of the British Museum London, UK

Architect | Rogers Stirk Harbour
Client | The British Museum
Employer/MC | Mace Ltd.

Solution | The newly constructed wing of the British Museum - the World Conservation and Exhibition Centre - was furnished with an innovative GIG facade.
The extension to the British Museum, which is located in the centre of London, was built in the North-Western part of the museum. The new wing consists of five pavilions where new exhibition spaces, offices and research facilities were created. The scope of GIG's contract covered the entire building envelope with the exception of the stone cladding. The architectural highlight is undoubtedly the five metre long cast glass rainscreen facades, which are provided with a special surface. They were fixed to a steel cable and installed in front of the facade. Bespoke doors were produced in the same appearance, so that in the closed position they fit harmoniously into the overall facade. In addition, various fire curtains and sun shading systems have been installed.

Individual

WU Wien LLC & W1D, AT

Architect | LLC: Zaha Hadid, W1D: Estudio Carme Pinos
Employer | Projektgesellschaft WU Wien Neu GmbH
Construction Management | Vasko + Partner Ingenieure

Solution | As part of the new development of the Vienna University of Economics, GIG was awarded the contract for 2 of the 6 buildings, the Learning & Library Centre (LLC) from Zaha Hadid Architects and the so called building W1D from Estudio Carme Pinos Architecs.

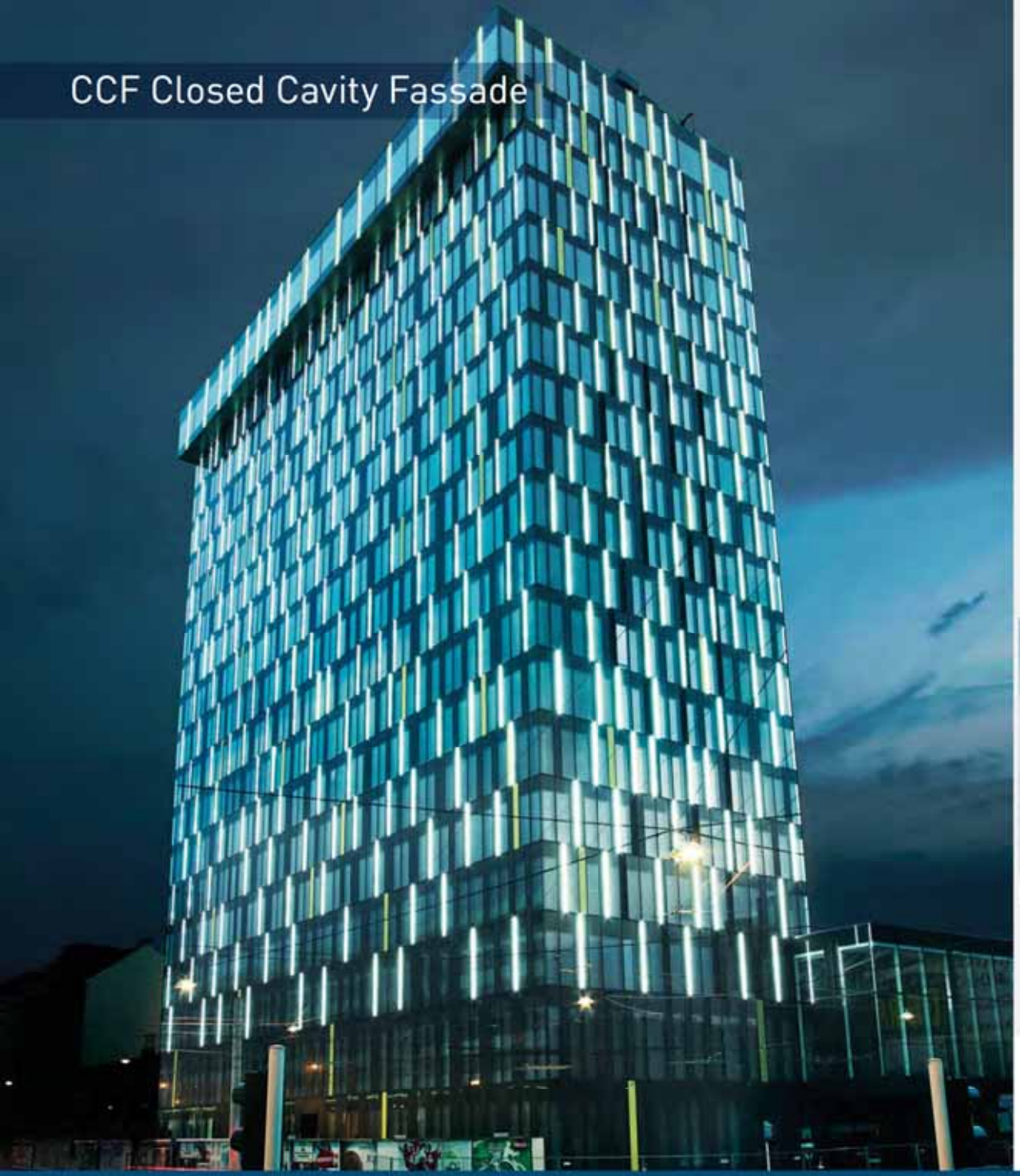
The Learning & Library Centre (LLC) sits in the centre of the new Campus of the University of Economics in Vienna. Even from afar, the two interlaced structures make recognisable the two main zones of the 30 meters high building: the public areas performed in black and the non-public areas in white. In addition to the distinctive architectural forms of the building, concrete and glass are the dominating features. For the LLC, the London star Architect Zaha Hadid and her team have created an impressive building, which attracts attention that is not confined to architectural circles. The facade of W1D is a mix of a conventional thermal insulation façade with punched windows and mullion-transom constructions. For shading purposes, motorised shutters at the windows and large curtains made of expanded metal in front of the mullion-transom facades are introduced by the Architect.

Google Bridge Dublin, IE

Architect | HLW International, Reddy Architecture + Urbanism
Employer | Google Ireland Ltd.

Solution | A bridge creates new connections: the project Google Link Bridge is about the construction of a 26 m long, Y-shaped link bridge connecting the three Google headquarter buildings in Dublin (Google Docks, Gasworks Building and Gordon House).
GIG carried out the building project as main contractor. This included the steel construction, the entire bridge glazing, stainless steel soffits and the adaptations to the existing buildings, whereas some services such as ventilation, electrics, and lighting elements were executed by our local partner. A wind tunnel test was conducted specially for this project in order to assess the high wind speeds that prevail between the buildings and therefore, to determine the additional applied loads to the bridge as well as to the facade.

CCF Closed Cavity Fassade



PowerTower of the Energie AG Linz, AT

Architect | Kaufmann & Partner, Weber+Hofer
Employer | Energie AG Linz

Solution | The Power Tower is equipped with a 10.000 m² large closed cavity façade. It is a system developed and patented by GIG. The low energy double skin facade is the first passive house facade to be suitable for high-rise buildings with a controlled cavity.
To protect the hermetically sealed cavity from condensate formation, the cavity is conditioned via a central unit with dried and purified air. The total U-value amounts to only 0.60 W / m² K. The facilities include a 638 m² photovoltaic surface. The sun shading with light deflection effect is situated between the panes.

Award | ÖGNI Goldmedal for Sustainability and Energy Efficiency 2010

Ars Electronica Center Linz, AT

Architect | Treusch Architecture
Employer | Stadt Linz

Solution | The Ars Electronica Centre has one of Europe's largest illuminated facades. The building has a double-skin façade which is designed as a multimedia design surface. The approximately 5,200 m² inclined media facade consists of 1,100 glass elements, which are fitted with 40,000 LEDs. The glass surfaces are partly transparent and partly translucent and backlit from the façade cavity. The ventilation of the cavity is effected by 1.3 m x 3 m wide top-hung windows with actuators developed by GIG. The lights behind the glass panes can be controlled individually, so the appearance can continuously be varied in both brightness and colour mix. The architecture of the centre has been awarded several prizes.

Awards | 20+10+X World Architecture Community Award-Winner 2010
Civic Trust Award 2009
Architecture Award vis-à-vis 2009

Horizon Norwich, UK

Architect | LSI Architects

Employer | Bovis Lend Lease Ltd.

Solution | Combining four into one: The Norwich Union (now re-named Aviva), one of the largest insurance companies in England, demanded the roofing of a courtyard, closed on all four sides. It is the integration of a listed building built in 1621, which thus became the entrée to this atrium. At the same time, all offices and other premises of the lower floors were refurbished and updated to the latest technical standards. At an elevated internal level, a bridge connects the different buildings.

The challenge of this project was the very narrow access of only about 3.7 m width. Therefore, neither mobile cranes nor fixed cranes could be brought into the courtyard. The entire atrium roof was delivered in prefabricated components, assembled on a working platform with millimetre accuracy, and then lowered to the steel support structure below. Subsequently, the construction openings were fitted with glass panes and structurally sealed.

Residential

Athletes Village London, UK

Architect | Panter Hudspith Architects, Glenn Howell Architects
Employer | Lend Lease Development Ltd

Solution | In the district of Stratford, about six kilometres East of the city centre of London, the Olympic Park was built on the River Lea on a 200-acre site.
GIG was awarded the contract for one of the seven residential buildings, consisting of 320 apartments, which initially served as accommodation for the athletes of the Olympic and Paralympic Games 2012.
By means of specific modifications after the games, sophisticated „affordable" apartments were created.
Our scope included 350 different types of windows. GIG also built the steel structure for the penthouses and winter gardens, balustrades and aluminium rainscreen facades and fibre-reinforced concrete elements which connect the seven buildings. The first tenants moved into their new apartments in spring 2014.

Green Building

Kraanspoor Amsterdam, NL

Architect | OTH Ontwerpgroep Trude Hooykaas b.v., NL
Employer | Brakel Atmos

Solution | One of the most innovative real estate projects in the Netherlands convinces with its special climate facade. The office building Kraanspoor was built on a disused dockside crane facility in the harbour. The facade is designed as an ecologically oriented double-skin system. We have installed 6,000 m² of a Glastec glass louvre system with movable elements. This outer skin can be used as sun shading and daylight control system and as a climate buffer. At the same time it can precisely control the incident sunlight. In closed position, it protects the inner façade skin from wind and rain.

Awards | Green Building Award 2008 MIPIM 2008 &
„Special Jury Award"

UCL – University College London, Institute of Cancer Studies
Paul O'Gorman Building, UK

Architect | NGP Nicholas Grimshaw and Partners
Employer | Shepherd Construction Ltd.

Solution | University College London is London's largest and leading college within the University of London. The buildings of UCL are various in their architecture and reflect all styles since the foundation of the University in the 19th century.

For the Paul O'Gorman Building, GIG supplied the structural glazing curtain wall with sun protection made out of terracotta and mullion-transom facades, with bespoke profiles and a terracotta rainscreen facade. The main facade consists of structural glazing with terracotta fins hanging over four levels, with the entire loads transferred via the stainless steel support structure of the terracotta fins.

The terracotta profiles and the required substructure made of stainless steel were developed and implemented customised for this purpose in cooperation with the pre-nominated supplier. At this project, GIG demonstrated once again its openness to the desired range of materials in combination with high architectural standards that has been underpinned by the coveted RIBA London Award 2009.

Moving

Park Royal Palace, Schlossallee Wien, AT

Architect | Moser Architekten, Wien

Employer | Heidenbauer f. Mariahilferstr. 212 Verwertungs-GmbH

Solution | A hotel is set in motion: For the Park Royal Palace we have installed storey-high, motor-driven folding sliding shutters with an area of 3,000 m². The individual elements consist of two or four louvres which pivot outwards when opened. When closed, they form a flush façade together with the fixed installed elements. The drive mechanism is concealed in the upper and lower guiding profiles, synchronized mechanically and driven by electric motors. The shutter leaves are made of perforated sheet metal plates which are anodized in different shades of golden colour. The customised hole pattern of the shutters is intensifying the colour. A total of 275 folding sliding shutter elements were installed.

More London Hilton Hotel, UK

Architect | Jestico Whiles Architects
Employer | Bovis Lend Lease Ltd.

Solution | Luxury, grand style and glamour is associated with the name Hilton. This is precisely the approach taken by the Architects in planning the façade. It is like a beautiful evening dress that enrobes the building - a facade with Haute Couture appeal. Terracotta and copper, glass and aluminium constructions, anodised or powder coated, were used in a fresh mix of colours. This diversity of materials and the extremely short duration of the contract represented the challenge in delivering this project.

SEDE GMU Málaga, ES

Architect | A-Trío Arquitectos
Employer | Arge DRAGADOS / HEXA

Solution | For the construction of the administrative building for urban planning in Málaga, we have built a 6,500 m² large glass louvre facade with a Glastec- louvre system (System 550) executed as a sunscreen. Originally it was planned to install vertical standing fixed glass louvres for the shading of the building. Through intensive consulting, the employer was convinced of the enormous advantage of a moveable system with regard to the air conditioning of the building. We received an order for delivery and installation of a horizontal Glastec louvre system.

One Park West Liverpool, UK

Architect | Cesar Pelli & Associates & Brock Carmichael Architects
Employer | Laing O'Rourke Ltd.

Solution | One Park West forms the centrepiece of the modernisation of the Liverpool city centre after it became the "European Capital of Culture 2008".
Consisting of three interconnected blocks, the entire building complex surrounds the circular landscaped central park on the one hand and simultaneously encloses the Waterfront. With a total of over 15,000 m² of façade surface, which is mainly achieved in unitized design, One Park West is one of the largest projects in the recent company history of GIG.

Rachat Towers Almaty, KZ

Architect | Kazgor
Employer | Multifunctional Complex Rachat Towers LLP

Solution | A breath taking view of Almaty and the adjacent Alatau peaks is offered from the offices and apartments of Rachat Towers. The single towers are designed in a hexagonal shape with 26 floors each. The Rachat Towers were integrated into an existing urban area in the centre of Almaty, and their architecture shows close links to the surrounding mountainous city shape. We have equipped the towers with 16,500 m² of façade and 827 top hung windows with the proven GIG unitized façade system.

Burlington Road Dublin, IE

Architect | HKR Horan Keogan Ryan Architects
Employer | Bennett Construction Ltd

Solution | GIG was awarded the contract for the façade creation of the voluminous office building with two blocks and seven storeys.
17,000 m² of glass were processed partly in double-skin design. The glass elements give the face to the distinctive architecture. In Block II part sections of the facade deviate in radius. They follow a new trend that brings back more soft shapes in the architecture. In addition to the glass elements, a 7-storey steel and glass atrium as well as a bespoke „red glass box construction" was realized by GIG. With this project GIG clearly proves that even projects with larger volumes are carried out to perfect customer satisfaction.

Centre Commercial Beaugrenelle Paris, F

Architect | VALODE & PISTRE
Employer | Bouygues Construction

Solution | This bridge in the centre of Paris serves as a link between 2 shopping centre buildings in order to make the shopping feeling even more attractive. GIG was entrusted with the design, manufacture, supply and installation of the 31 m long and 65 tons heavy steel and glass footbridge.
Due to the complex geometry, the location of the bridge on a four-lane street and the national guidelines regarding materials, test methods and the procedure of approval, the well-known flexibility and openness of GIG in conjunction with a well-functioning project management was essential for realizing this project.

Crossharbour London, UK

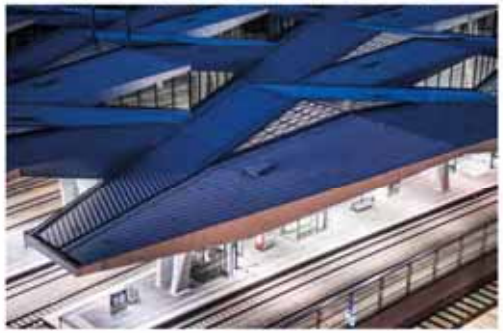
Architect | SOM Architects
Employer | Ballymore Properties Ltd

Solution | Crossharbour is a station on the Docklands Light Railway (DLR) in the London Borough of Tower Hamlets. On the premises of the former London Arena, a generous residential development was built in several phases, where owing to the size and lively location, particularly high acoustic requirements were to be met.
With approximately 8,000 m² punched windows and sliding doors plus approximately 10,000 m² curtain walls, GIG provided the best views in rock-solid construction manner.

No.1 Grand Canal Square Dublin, IE

Architect | Duffy Mitchell O'Donoghue
Employer | G&T Crampton Ltd

Solution | For this project we developed a specific facade system. The Architect's vision was to design the building as if „formed of light" to give the building a unique appearance. Anti-reflective glass and exterior glass fins made of colour effect glass give the building this „formed of light" effect. In conjunction with the Irish light conditions it can create the impression that the building hovers over the new square and the harbour basin.



Hauptbahnhof Wien, AT

Architect | ARGE „Wiener Team"
Employer | Unger Stahlbau GmbH

Solution | Lots of light, air and great architecture: GIG developed custom-made glass louvre facades and glass roofs for the platform canopies at the new Central Railway Station in Vienna.
The louvre facades embedded in the facade surfaces between the train platform canopies are motorised and can be used for natural ventilation and besides the daily ventilation they provide a quick heat extraction in case of fire. In total GIG built approximately 1,300 m² glass roofs and approximately 900 m² glass louvre facades for the new transportation hub.

Kimbell Art Museum, USA

Architect | Renzo Piano
Employer | Seele

Solution | On top of the glass roof of the Kimbell Art Museum in Fort Worth, Texas 2,403 aluminium louvres were placed in a spectacular manner in a total of 387 elements, in order to regulate the incidence of light through the glass roof of the galleries. Each louvre element can be opened individually adjusted between 0 ° (fully closed) and 172 ° continuously. In addition, the louvres are equipped with photovoltaic modules. With a total area of approximately 1,000 m² they produce annually about 1.4 MWh of clean renewable electricity. This could power about 500 households per year.

Mortimer Street London, UK

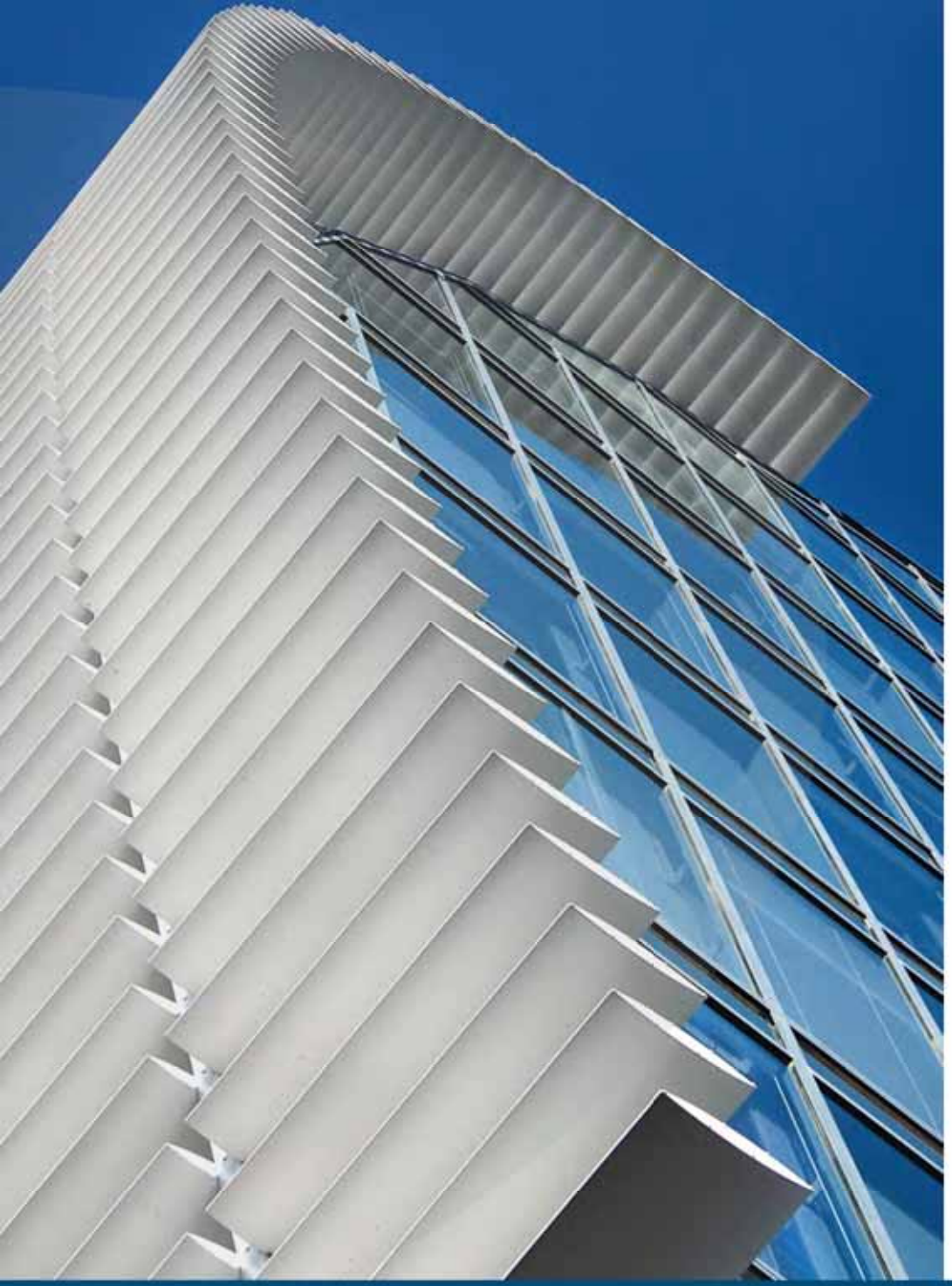
Architect | Aukett Fitzroy Robinson
Employer | Bovis Lend Lease Ltd

Solution | The design of the unitized system to the façade facing the street incorporates stone as part of the elements. The technically highly demanding facade project was entirely carried out by GIG. In the selection of the stone the requirements of the London Building Authorities were strict. The initially proposed French limestone was not approved.
After the submission of six different stone types and three different subcontractors, English limestone was finally agreed.
Mortimer Street is another project where GIG has proven its expertise in the handling and execution of complex projects in a city centre.

New Bond Street London, UK

Architect | EPA Eric Parry Architects
Employer | Bovis Lend Lease Ltd

Solution | GIG delivered and installed mainly GIG unitized facades which are in sympathy with the surrounding buildings on the main shopping streets of New Bond Street and Maddox Street. The visually determining components are bay windows with curved glass and glazed terracotta in New Bond Street elevation and glass bricks and aluminium cladding in Maddox Street. The building with the largest usable area is located in the courtyard surrounded by the blocks. In these courtyard elevations there are also GIG unitized systems with timber, stainless steel and aluminium elements to them.



Rivergate Wien, AT

Architect | Bechter Zaffignani Architekten ZT GmbH

Employer | Alu-Sommer, Stoob

Solution | GIG was responsible for the design, manufacture, delivery and installation of the horizontal rotatable aluminium louvres for shading and light deflection, including the entire control and regulation system. The challenges on this project were the curved building contour, the 5.2 m span of the louvres and the fixed cantilevered, rigid louvres with approx. 1.3 m on each end of the building. Furthermore, the substantial building height of about 44 meters and the strong wind forces due to the location at Handelskai next to the river Danube had to be taken into account.

Riverside 4 Dublin, IE

Architect | RKD Architects Dublin

Employer | Bennett Construction Ltd

Solution | Up to now, the project Riverside 4 has been one of the largest individual contracts for GIG. The building comprises of three blocks. The facade area of roughly 22,000 m² is achieved in a wide variety of cladding types. The distinctive unitized facade and the atrium, whose outer shell is point retained by a steel construction and stainless steel spiders, are impressive.
Our scope also included mullion-transom facades, the atrium, glass louvres, canopies, balustrades, partitions, pergola structures and much more. With Riverside 4, GIG leaves a further characteristic footprint in the Irish capital.

GIG: Realizing Dreams

GIG was established in 1945 as a steel construction company, but since 1965, we deal mainly with innovative facades. Today our company is one of the leading facade suppliers and contractors worldwide. This success is the result of best-qualified and dedicated employees, and a clear focus on:

- Specializing in unique façade solutions with the ambition to be innovators of new technologies
- Fair and honest partnerships as equals with all existing parties and individual consulting service and customer care
- Premium quality of all products and services
- Reliable and professional execution of all tasks.

Our service portfolio ranges from the initial idea via planning and design and consulting to the professional installation, including after-sales service. We are the leading international provider when it comes to exceptional solutions in the field of premium facades. Whether ultra-modern, state-of-the-art, constructions made of glass and/or metal or sophisticated, innovative bespoke constructions: we have the appropriate experience, the know-how and the resources to realize architectural visions.

To meet architectural requirements at any time, we offer an extensive range of products and services:

UNITIZED	customised facade solutions in modular design
STANDARDIZED	adaptable system solutions in mullion-transom-design, system components such as doors and gates, or sheet claddings in aluminium, stainless steel, enamel or non-ferrous metals
INDIVIDUAL	unique facade solutions designed precisely to achieve the required objective and produced with perfect craftsmanship
GREEN BUILDING	ideal solutions for maximum energy efficiency as an active contribution to climate protection
CCF	Closed Cavity Facade - the unitized passive house facade to be suitable for high-rise buildings
MEDIA	media facades of every type for use of the building shell as an exhibition surface
ATRIUM	solutions for atrium facades and atrium roofs, purpose-built for the respective application
RESIDENTIAL	individual solutions for residential projects
SHADING	sun protection solutions as a part of the complete shell
MOVING	moveable facade constructions for new design options and innovative solutions in the field of sun protection, shading, air conditioning, ventilation, solar, photovoltaics etc.
SERVICE	maintenance and service of innovative building envelopes

Service without Compromise

Every project is accompanied by a service package that leaves no open questions and contributes significantly to the success of the building development. Professional and comprehensive customer consulting marks the commencement. In this phase we examine whether the proposed facade is technically feasible. If necessary, a new development of a facade system is performed in cooperation with the client. Therefore, in the research and development department we consider, inter alia, technologies and processes for prototyping, facade tests, material tests, 3D design / FEM-calculations, and so on. In the consulting phase we also calculate budget prices, carry out tender planning and estimation, tender preparation and project costing.

Then we take over the project management over all phases of the realization: design, material procurement, manufacturing, installation. In detail, these services include:

- Coordination of all activities with customers and partners
- Project structuring and planning
- Project scheduling
- Planning of project resources
- Provision of site logistics
- Reliability for quality, costs and programme

GIG SERVICE - Maintenance and Service around the Building Envelope

Wind, weather, natural aging processes, usage: even the most beautiful and top-quality facade is exposed to many factors that interfere with the look, functionality and safety over the years. We are aware of this fact, of course, and we have something to overcome it: the GIG SERVICE GmbH. It is available to our customers when it comes to long-term care and conservation after the completion of the building envelope.

Our specialists develop individual maintenance contracts in cooperation with the clients to maintain the substance and quality of the façade in the long term. The professional repair, preventative maintenance, servicing and cleaning will be rewarded with an impressive appearance for many years, the best possible energy efficiency and failure-free, safe operation of the building.

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