

WE BOOST THE TRANSFORMATION TO CONSTRUCTION 4.0

At C&C Consulting Construction Group, we have been committed to providing the best service and quality for your project for over 20 years. To achieve this, we have been implementing Digital Technology for over a decade, using Virtual Design and Construction (VDC) models under the BIM methodology, Extended Reality, and Reality Capture for the entire project lifecycle, tailored to your specific needs.

Construction project management, with the help of recent technological developments, must take a new direction that leverages the great advantages of Construction 4.0 while strengthening the traditional management approach. To achieve this, we follow the recommendations of the PMI® for project management and make use of Building Information Models, connecting them with Planning and Time/Cost Control Platforms, as well as Enterprise Resource Planning (ERP) Systems.

With the integration between BIM models and management software, and with proper handling in a common cloud data environment, we have access to complete and timely information with which we develop Descriptive and Prescriptive Data Analytics Models that allow us to make accurate decisions.

It is very important that the AEC industry learns from the successful experiences of other industries and adapts them to construction processes. For this reason, we implement Lean Construction as a work philosophy, which is a well-executed adaptation of Lean Manufacturing that started in the automotive industry a couple of decades ago. Lean Planning and Control Systems such as the Last Planner System® or Takt Time Planning, working in conjunction with BIM models, provide today's managers with an excellent pair to ensure the success of their projects.

Julián Alberto Toro Arzayús Ms. Eng, CM-BIM, CM-LEAN CEO - C&C Consulting Construction Group

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WHO ARE WE?

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OUR HISTORY

C&C Consulting Construction Group® has its origins in Ingestructuras Colombia, a company founded in 2002 in the city of Cali. Initially, the company's concept was to participate in Structural Engineering Projects at the design and consultancy level. However, the experience gained in the execution of projects, especially in the field of Construction with Metal Structures, marked a new direction in the strategic direction of the company.

In 2010, framed within the corporate vision of projecting itself as a highly competitive business capable of facing the challenges of globalization, the challenge of crossing borders and expanding was assumed, and that is how Ingestructuras Mexico was born in the Guadalajara Metropolitan Area. Over the years, and thanks to the experience gained in the execution of large projects within the AEC industry and our organizational culture focused on customer satisfaction, new events arose that were seen as a great opportunity to offer all our internal services as an integral solution for our clients.

This is how during the years 2013 and 2014 the idea of forming a Business Group that allows offering a very comprehensive portfolio of services through Specialized Divisions was consolidated.

STRATEGIC DIRECTION

Mission

To provide Design, Construction, Consulting, and Management solutions for project development in the AEC Industry (Architecture, Engineering, and Construction), seeking to achieve a positive impact on the environment, customer satisfaction, and organizational development over time.

71/44

Vision

To become the main Ibero-American reference for the use and implementation of Technology and Innovation in the Design, Construction, and Management processes of AEC Industry Projects by 2025.

Integrated Management Policy

C&C Consulting Construction Group, in the development of its social purpose, carries out its activities committed to Quality, Industrial Safety, and the Environment, under strict compliance with the legal framework, guaranteeing integral:

• The fulfillment of the commitments made and the full satisfaction of the customer, continuously improving processes through optimal resources, adequate technology, and competent human talent, guaranteeing the growth of the organization.

• The protection and health of its employees, promoting and maintaining the physical, mental, and social safety and we-II-being of the same; implementing constant identification, evaluation, control, and intervention on factors that may pose risks to their integrity.

• Respect for the environment, focusing activities on reducing the impact on the surroundings; through the use of technology for cleaner production, reduction, reuse, and proper management of waste, and the awareness of all our employees.

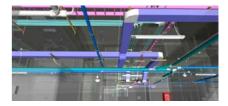




OUR DIVISIONS

































OUR TALENT

At C&C Consulting Construction Group, we recognize that the main asset of the organization is Human Talent. Our team is composed of professionals from diverse areas: architects, engineers, graphic designers, administrators, among others, with different backgrounds, skills, and passions where experience blends with creative ideas in a balanced way.

We are aware of the importance of human capital development, which is why we promote constant training of our personnel according to their areas of interest within the organization.

We are a company where we guarantee gender equity, where there are no barriers based on place of origin or social status, where we respect ideologies, and where we strive for inclusive leadership development.

OUR INFRASTRUCTURE

Our facilities have the most modern physical infrastructure accompanied by high-performance hardware and top-tier software according to the needs of your project. We have the capability to replicate the infrastructure of the central office at the job site, thus providing you with the best tools.

For fieldwork, we have traditional and robotic survey equipment, Reality Capture equipment (Laser Scanners, Photo/Video Scanners, Drones, 360 Cameras), Extended Reality equipment (VR, AR, MR), among others.



AWARDS AND RECOGNITIONS







EXITO BUSINESS AWARDS. Latin Business Organization (2007).

LATIN AMERICAN QUALITY AWARDS. Latin American Quality Institute (2008).

PREMIO CALIDAD SUDAMERICANA. Associação Brasileira de Incentivo à Qualidade (2008).



PREMIO OBRAS CEMEX . Tercer Lugar CEMEX Colombia (2012).



PREMIO CMIC EMPRENDE. Primer Lugar CMIC (2015).

OUR CLIENTS

Our clients are public or private institutions, industrial, commercial or service companies, and individuals with the need to develop new construction projects or to adapt and modify existing ones. We also cater to companies in which Engineering and Architecture are an important part of their procedures and production processes, such as large industrial and civil construction firms, architecture and engineering firms, and real estate developers.

COMMERCIAL SECTOR



EDUCATION AND INSTITUTIONAL SECTOR



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INFRASTRUCTURE AND TRANSPORTATION SECTOR



HEALTH SECTOR









Tecnológico de Monterrey

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EDUCATION SECTOR

ENPRESA MUNICIPAL DE RENOVICIONURSANA ELC EMPREMIENTA

Antonio José

Camacho INSTITUCIÓN UNIVERSITARI

SPORTS AND CULTURAL SECTOR







Jabonera

del Valle

RESIDENTIAL AND HOTEL SECTOR

CENALTUR CENTRO NACIONAL DE ALTO TURISMO Puerto Vallarta , Jaliaco



CONSTRUCTION SECTOR

























WHERE ARE WE?

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Central Office

Guadalajara, Jalisco. México.

Commercial Office

Miami, Florida. Estados Unidos.

MÉXICO

Ciudad de México Guadalajara, Jal. Monterrey, NL. San Luis Potosí, SLP. Colima, Col. Durango, Dur. Veracuz, Ver. Puebla, Pue. Tijuana, BCN. Ciudad del Carmen, Cam. Ciudad Obregón, Son. León, Gua. Morelia, Mic. Manzanillo, Col. Vallarta / JAL

COLOMBIA Bogotá D.C

Calĭ/VDC Popayán / Cau

GUATEMALA

Ciudad de Guatemala

A

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PANAMÁ

Ciudad de Panamá

COSTA RICA

San José

ESTADOS UNIDOS

Miam





C&C Project Management Managed Information for Virtual Construction



Offers outsourcing and/or consulting services for processes that involve, among others, Time, Cost, and Quality Management throughout all stages of your project; also addressing all aspects related to Design, Preconstruction, Construction, and Operation, with the aim of ensuring the success of your project.



PROJECT MANAGEMENT

Our Project Management (Administrative and/or Technical) is an accompanying service designed to ensure that the construction project is completed on time, within budget, and according to planned specifications and scope. It also involves close collaboration between you and our team to provide professional advice and technical expertise throughout each phase of the operation.

Our work system is based on the guidelines given by the Project Management Institute - PMI. In this way, we work on the integration of scope, time, cost, quality, human talent, communication, risk, and acquisitions (purchases and contracts) management throughout the five stages of the project: Initiation, Planning, Execution, Monitoring and Control, Closure.

Likewise, we base our Project Management on the pillars of Lean Construction philosophy, where we seek to add value in each of the activities and eliminate all kinds of waste through appropriate workflow. In addition, we encourage the use of technology through the BIM / VDC (Building Information Modeling / Virtual Design and Construction) Methodology in each of our projects.





Our expertise, especially in the fields of Architecture and Engineering, allows us to offer structurally adequate and fully functional projects. AEC Design is our division responsible for developing designs in all phases, starting with Conceptual Design, through Preliminary Design and Design Development, and ending in Executive Design.

Our team is made up of highly qualified architects and engineers with valuable experience at the service of your project. The ongoing training of our personnel and the use of cutting-edge design and development tools are a fundamental part of the success of our projects. Today, methodologies such as BIM (Building Information Modeling) are an integral part of our DNA.

We have strategic allies who are specialists in different areas of knowledge in the AEC industry, with whom we collaborate and complement during the development of your design according to the real needs that your project demands.



STRUCTURAL ENGINEERING

We are specialists in the Structural Design of projects involving Concrete Structures, Steel Structures, and Tensile Structures.

By hiring AEC Design, you will have access to qualified and experienced personnel for the development of your project, ensuring its success.

Our designs comply with the requirements and standards demanded by modern design and construction regulations of prestigious institutions such as the American Concrete Institute (ACI) and the American Institute of Steel Construction (AISC), in addition to complying with local codes and regulations in force.

We have tools for the analysis and design of any type of structure or structural component based on the finite element method (FEM). In the modeling area, we have specialized BIM software to improve accuracy and reduce process time.

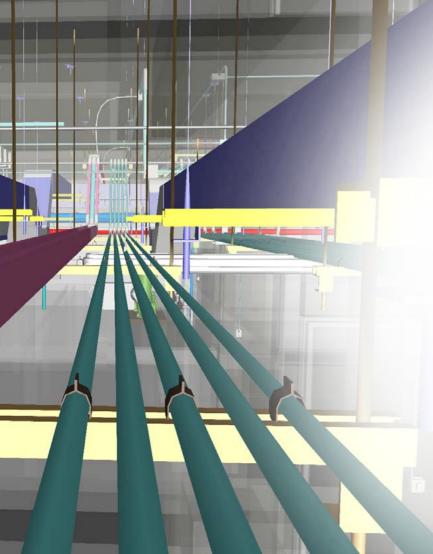
ARCHITECTURE

Aware of the importance of offering an integral service, AEC Design has considered it vital to provide Architectural Design services. The scope of this service will depend on your real needs, especially the type of consultancy you require and the degree of progress and detail of your Architectural Project.

Thanks to the flexibility of our proposal, we can add value in each of the stages of the Architectural Design development according to your needs. You will receive the capacity and experience that guarantee the correct decision-making during the execution of the design, which translates into a significant reduction of time and money losses during the construction due to design errors or deficiencies.

The disposition and teamwork capacity, combined with the experience in coordinating Architectural Designs with the Technical Studies and Designs of the different disciplines that are an integral part of your project, are essential to guarantee the success of your work. In our AEC Design division, we can support you in the development of Urban, Infrastructure and Industrial Edifications, Commercial, Institutional, Sports, and Residential Building Projects.





MEP INSTALLATIONS ENGINEERING

AEC Design offers our Mechanical, Electrical and Plumbing (MEP) Installation Design service. Our projects comply with the requirements of International and Local Regulations for the Design of HVAC Installations, Sanitary and Rainwater Installations, Fire Protection Networks, Electrical Installations, and Special Installations (Voice, Data, and CCTV).

All our engineering is developed under the BIM Methodology, which guarantees the proper coordination of the design, avoiding problems during construction. We also offer certified experience, not only in Design but also in Construction, which guarantees the ability to materialize your needs adequately by developing 100% buildable designs, achieving the correct investment of your resources.

Our design team is made up of Architects, Engineers, and Associated Firms specialized in various areas, offering you the professionalism and experience that guarantee the correct development of your project.



Managed Information for Virtual Construction



C&C Consulting Construction Group, with the vision of offering comprehensive solutions, developed its C&C BIMVDC Division with the purpose of making the BIM (Building Information Modeling) work methodology available for the development of Virtual Design and Construction. This division is responsible for offering BIM outsourcing and coordination services in all areas: Architecture, Structure and MEP Engineering. Whether you are an Owner, Designer, Constructor, Administrator or Operator, we share the same goal: to have quality projects, on time and within budget, and BIM is the right tool to achieve it.

OUTSOURCING BIM

Models are the foundation of the value that BIM brings to the AEC Industry processes, and it is with their development that the BIM execution phase begins. In the C&C BIM/VDC division, we provide you with our technological infrastructure and certified human talent with experience in the use of specialized software for modeling in the areas of Architecture, Structural Engineering, and MEP Engineering.

During the process, a single three-dimensional model - BIM 3D - is created that digitally represents the entire construction project. All project information is entered into this model: land, structures, masonry, finishes, and equipment... everything. In addition to having geometric and visual attributes, they are associated with the functional and physical characteristics of any real material or product: weight, strength, manufacturer, reference, warranty... which opens up a huge range of possibilities and is a key element in the industrialization of construction. With BIM, it is also possible to project the project schedule or calendar and carry out its control and monitoring during construction - BIM 4D.





The estimation of resources to develop the budget and construction control - BIM 5D - can also be carried out through this work methodology.

With Building Information Modeling, it is possible to calculate the structural behavior, thermal performance, energy efficiency of the building, and even the installations, thus allowing for the evaluation of the building's sustainability in accordance with the parameters of modern regulations and certifications - BIM 6D. If you own or operate and manage the building, BIM allows you to have the "As-Built" information with all the relevant data of the building's components, helping you in operation and maintenance throughout its entire life cycle - BIM 7D.

COORDINATION BIM

Building Information Modeling (BIM) is much more than a package of three-dimensional design and drawing tools. It is a working method based on technology with a great virtue: the transversal use and management, throughout the life cycle of the project, of the information contained in the 3D model, which forms a reliable basis for decision-making.

The interaction of different construction disciplines in the same project generates a complex spatial environment to visualize, and is generally where most of the extra costs of a work arise since specialists and contractors did not have a global vision of the entire project before execution. One of the great advantages of using this technology in the AEC industry is to aim for the "Zero Conflict" status, and C&C BIM-VDC performs that central coordination role by involving the entire team in the spatial reality of the project. For this, BIM Coordination involves detecting interferences, issuing reports, presenting and evaluating corrective measures, holding coordination meetings with the engineering and project team, and updating BIM models.



AEC Technology Construction Beyond Technology

WINDLO & LEON

At C&C Consulting Construction Group, we understand the importance of ensuring the success of your projects by connecting the field with the office, using cutting-edge technology and competent human talent.

AEC Technology is our innovation division that offers solutions where Technology and Construction converge to guarantee end-to-end quality services through the use of stateof-the-art hardware and software.

DIGITAL POTOGRAPHY

The use of Digital Photography in the Architecture, Engineering, and Construction industry has multiple applications, which have been growing with the technological advances of today's world. With the appearance of drones, 360-degree cameras, and computational image processing tools, among others, the range of possibilities of digital photography has grown exponentially and at AEC Technology we make it available for your projects.

360 PHOTOGRAPHY

360-degree photography is a technique that allows capturing photos where the observer is immersed in the image as if he were inside of it. It is a very realistic image if we take into account that the human eye is able to view less than 180 degrees and focus on even less. A 360 degree image allows you to see what is happening around the first scene, that is, upwards, downwards, frontwards and backwards.

AERIAL PHOTOGRAPHY

The use of Aerial Photography with drones in the construction sector opened a promising horizon and a different way of doing things, allowing for the simplification of tasks and saving time and costs in their development. The reasons that today justify the use of drones in construction are diverse, ranging from their potential to plan, promote or market new works to their use as a tool for monitoring and control in logistics and industrial safety issues, for example.

The use of drones goes beyond simply being able to take shots that make previously inaccessible places visible, reproduce the integration of a project in the built environment, review the panoramas that would be seen from a window or lookout of a new building, among other things.



On many occasions, it is necessary to capture, beyond a photograph, the current conditions of a terrain, a construction or a building. It is also true that this work may need to be done in a more agile and detailed manner for the proper development of our projects. That is why in AEC Technology we offer you Reality Capture services based on Digital Photogrammetry and 3D Scanning.

DIGITAL PHOTOGRAMMETRY

In our division AEC Technology, we provide you with Digital Photogrammetry services using the most advanced technology. We can create 3D models, regardless of their size and the level of complexity of the existing conditions in the real world for additional sensory realism in order to easily and quickly provide context for design, construction, and operations decision-making for all types of infrastructure and building projects.

With the use of drones to obtain georeferenced images (with the accuracy of ground GPS stations), it is possible to obtain reliable results in record time for the generation of:

- 3D Digital Model (point cloud) by photogrammetry.
- Orthophotos (Orthomosaics).
- Digital Surface Model (DSM).
- Digital Terrain Model (DTM).
- Digital Elevation Model (DEM).
- Surveys for preliminary studies.
- Volumetric calculations.



3D SCANNING

This service is ideal for renovation and adaptation projects where knowledge of real conditions is of great importance, or where information is lacking due to the absence of original plans, which often means it is impossible to know what to expect until the work is underway.

In our service, we create a digital model from Point Clouds acquired with a 3D Laser Scanner. This type of equipment sets a new standard for performance and ease of use in high-speed and long-range 3D data capture to reduce time and effort. Laser scanners can measure more than one million points per second and capture accurate data that provides the essential precision and details to ensure a good workflow. In some cases, the use of portable equipment with other technologies is also necessary and very useful to complement the information captured with the laser scanner, given the versatility and interoperability offered by these types of tools.

For the processing of point cloud information, we use the most powerful software on the market.

•Take measurements (distances, areas, and volumes).

•Mark and share views based on the point cloud model.

•Generate high-precision sections and elevations.

•Provide high-definition referenced panoramic images.

•Develop 360 tours for VR/AR/MR.

Interoperate the point cloud with BIM models.

·Perform clash detection analysis.

•Compare the design model with the point cloud.

•Record progress throughout the construction process to create a repository for any changes, even for operation and maintenance.

EXTENDED REALITY FOR CONSTRUCTION

Extended Reality (XR) is a technical term that refers to the extension of human experiences through the combination of real and virtual environments. We can then see Extended Reality as a superset that includes everything from what is completely real to what is completely virtual, including representative forms of Augmented Reality (AR) and Virtual Reality (VR), as well as the overlapping areas between them such as Mixed Reality (MR). AEC Technology offers the use of this technology in a completely applied way to the AEC industry.



AUGMENTED REALITY (AR)

It is the view of a physical environment through a technological device that adds virtual information to the existing physical information, allowing the connection of tangible elements with virtual elements, creating an Augmented Reality in real time.

VIRTUAL REALITY (VR)

This technology has allowed for the transition from simply viewing a model on a desktop to a solution that utilizes portable devices to completely immerse the user in virtual models. Virtual Reality allows for 360-degree views, tracking of full-body movement, and interactive experiences in a virtual world, including object selection and repositioning.

MIXED REALITY (MR)

Mixed Reality is a branch that combines Augmented Reality and Virtual Reality with the real world to create an enhanced immersive experience using additional resources. Mixed Reality devices are typically transparent optical devices that project virtual content onto binocular lenses. By using builtin computer vision tracking sensors, MR solutions give the impression of combined content in the real world for additional sensory realism.

CONCEPTUAL AND PHOTOREALISTIC 3D IMAGES

We provide our clients with high-quality conceptual and/or photorealistic visual representation in 3D images that accurately depict the design intent of their project based on a carefully crafted 3D model. These images serve as a great selling tool, particularly for real estate developers.

3D VIRTUAL TOURS

We develop high-quality virtual tours based on the 3D digital model of your project, with the ability to showcase environments and spaces with the utmost detail. We can develop tours that showcase a non-existent project or produce one based on a real project.

Among the products we can deliver are: exterior tour videos, aerial and 360° panoramic views, interior tours, tours through cross or longitudinal sections of the project, and 3D animations of the construction process, among others.

TECH FIELD

Knowing the importance of precision and agility when it comes to laying out, leveling, and capturing information in the field, we have developed the Field Layout service using robotic stations for accurate on-site point location, marking them directly from the 3D BIM model to avoid any measurement errors, and significantly saving time and money compared to traditional methods.

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Ingestructuras Concrete, Street & Tensile Structures



At Ingestructuras®, we provide solutions within the professional services of Design, Manufacturing, and Assembly of Metal Structures and Tensile Structures. We have a wide portfolio of projects that support our experience, dedication, and professionalism, which we make available to your project.

STEEL STRUCTURES

Steel structures allow for strong and lightweight constructions, given the high strength of this material per unit of mass, which means that the weight will be relatively low compared to other construction materials. This is of great importance for the design of elements with large spans and for the economy in the construction of foundations.

Another competitive advantage of building with steel is its uniformity and durability. The properties of steel do not appreciably change over time as is the case with other construction materials. If the maintenance of steel structures is adequate, they will last indefinitely.

TENSILE STRUCTURES

We are specialists in the Design and Construction of Tensile Structures. Among the benefits of this type of structures, thanks to the advantages offered by its materials, we can highlight their geometry and shape, which allow for innovative and cutting-edge concepts, thanks to their lightness and plasticity. Ingestructuras® has specialized in the construction of unconventional metal structures with tensile membranes for their application in all types of projects, such as

sails, roofs, and facades.

COMPLEMENTARY WORKS

Steel structures allow for sturdy and lightweight constructions, given the high strength of this material per unit of mass, which implies that the weight will be comparatively low with respect to other building materials. This is of great importance for the design of elements with large spans and for the economy in the construction of foundations.

Another competitive advantage of building with steel is its uniformity and durability. The properties of steel do not appreciably change over time as is the case with other building materials. If the maintenance of steel structures is adequate, they will last indefinitely.



C&C Lean Construction Adding Value for AEC Industry



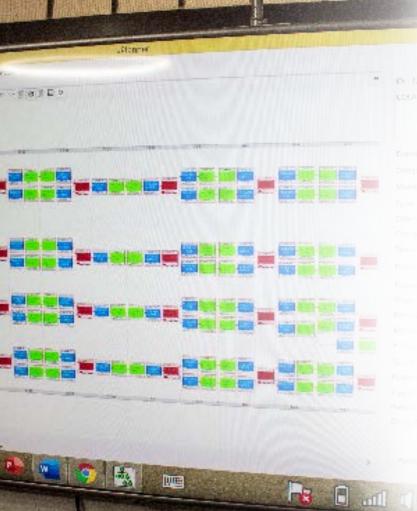
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Tec Ruebla Tec Queretaro

Tec State

CIVILIZED

It is the consulting division of C&C Consulting Construction Group responsible for offering Lean Process implementation services within your organization or for a specific project. The development of these processes strengthens planning and execution, generating a change in mindset towards teamwork and continuous improvement that you need to ensure savings in time and money, while increasing the quality of constructions.



BUSINESS CONSULTING

Lean Construction is a philosophy that encompasses the stages of design, planning, and execution, seeking to maximize the creation of value for the client, eliminating all forms of waste, ensuring quality, and minimizing costs, time, and efforts.

By using Lean tools in the different stages of the project life cycle, processes and workflows that add value and eliminate waste within the organization and/or project can be clearly defined, ensuring Continuous Improvement. C&C Lean Construction helps you implement efficient Lean Planning and Monitoring methods such as the Last Planner System and Takt Time Planning in your organization. By doing so, uncertainty is reduced and planning becomes easier and more reliable. This, accompanied by the development of Lean Supply Chains and Assembly within your organization, provides greater rigor and follow-up to the schedule and increases people's awareness and commitment to the project.

At C&C Lean Construction, we promote the use of Integrated Project Delivery - IPD as the appropriate approach to project management. IPD integrates people, systems, companies, and worldwide practices in a process that collaboratively leverages the talents and viewpoints of all participants to optimize project outcomes, increasing value for the owner, reducing waste, and maximizing efficiency through all phases of design, fabrication, and construction.



AEC Software

Architecture, Engineering & Construction Software



AEC Software is the division of C&C Consulting Construction Group dedicated to marketing software within the Architecture, Engineering, and Construction Industry, which guarantees the best technological solution based on your needs, your human resources, your workflows, and the specialty of your company. Our consultancy approach for selecting the best tool is objective, comprehensive, and flexible, a product of our experience as users of various solutions.

We are representatives and strategic partners of the leading software developers such as Autodesk, Bentley, Ghafari, Microsoft, and RIB Spain. We have the most comprehensive portfolio of specialized software tools tailored to each of the processes carried out in the architecture, engineering, and construction industry, offering solutions for pre-design, design, analysis, construction, control, coordination, and collaboration.







Architecture, Engineering & Construction Education

Contract Name





AEC Institute is the academic division of C&C Consulting Construction Group whose mission is to promote education within the Architecture, Engineering and Construction industry, especially in the areas of Technology and Innovation. We currently offer the best BIM Training and Certification solutions, thanks to our extensive professional experience and the support as an authorized training center for the largest software developers.



CAPACITY BUILDING AND CERTIFICATIONS

At AEC Institute, you will find a variety of training programs on different BIM platforms that fit your time, cost, and needs. We highlight our recognition as an ATC by Autodesk® and a Bentley Institute by Bentley Systems ®, which means that all the courses we offer on their platforms have the support of the developer. Likewise, we are a Certification Center for Autodesk ®, where you can obtain your user or professional certification with us.







WHY IMPLEMENT SPECIALIZED TRAINING WITH US?

Continuous education is a fundamental asset for strengthening technical, managerial, and innovation skills within the construction industry. At AEC Institute, we have qualified instructors with experience in methodologies such as BIM, Lean Construction & Project Management, who provide guided training aimed at solidifying the specialized knowledge necessary to optimize workflows and operational processes within companies.

In partnership with AEC Software, a company focused on the marketing of digital solutions for the AEC Industry, and C&C Consulting Construction Group Mexico, we have access to a group of professionals from various industries such as architecture, civil engineering, project management, and audiovisual media, who use a variety of software solutions and possess extensive industry knowledge.

This allows us to have a general perspective on interoperability flows between each tool, which in turn has given us the ability to train various companies, independent professionals, and students in architecture, engineering, and construction.



As a result of the support from our teaching and professional team, we have become strategic allies for specialized training and implementation, providing close guidance to our clients to maintain a culture of continuous improvement.

With our specialized consulting, you have the opportunity to evaluate the implications of integrating new technologies and work methodologies, as well as the analysis of return on investment that decision makers need to have a clear understanding of the business plan's performance.

When it comes to acquiring specialized training, there is an undeniable reality: competition for price. However, we know that our added value as consultants and strategic allies allows us to deliver proposals that understand the essence and vision of your business, positioning us as a comprehensive solution that addresses your company's needs and challenges in a timely manner.



COMMERCIAL SECTOR PROJECTS









Walmart+

CASCOS ROJOS Client: Nueva Walmart de México. México I 2021 - 2022

Monitoring and Control in compliance with the requirements of Walmart's Health and Safety Management System during the execution of maintenance work in operation stores in the Mexican Republic.





IMPLEMENTATION OF TECHNOLOGIES Client: Coppel. México | 202]

Proposal of technologies for assessing the needs of selected operating stores for remodeling and pilot testing.

Services







Business Consulting

Digital Photography

Reality Capture BIM



















BIM IMPLEMENTATION Cliente: Cinépolis - Tenedora de Cines Morelia, México I 2018 - 2019

Design and implementation of the BIM Implementation Strategy for the Architecture Division of the Corporation for new projects.

Services







Software Supply Training



BIM DIAGNOSTIC Client: Casa Ley Contractor: Virtual Bridge de Latinoamérica Culiacán, México I 2018

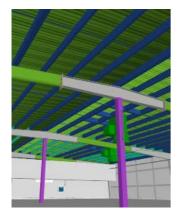
Gathering of solution requirements and design for BIM Implementation in the Design and Construction Division of Casa Ley Corporation.

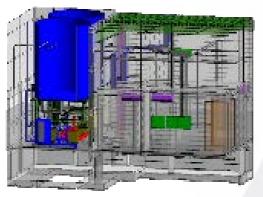
Services

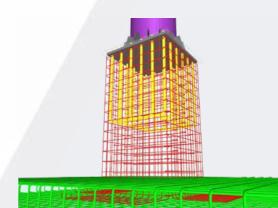




Business Consulting

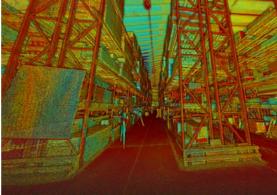


















PERIPHERAL BRANCH EXPANSION Client: Azulejos y Complementos Zapopan, México I 2018

Structural Design

Design and Construction of the Expansion and Remodeling of an Industrial Warehouse, Loading Dock, and Sales Room.

Services





Architectural Design

General Contractor



PUNTO BAHÍA Client: Punto Bahía - OMG Inmobiliaria Manzanillo, México I 2016

Design and Construction of Steel Structures for Structural Reinforcement of Existing Buildings and Complementary New Works.

Services





Structural Design



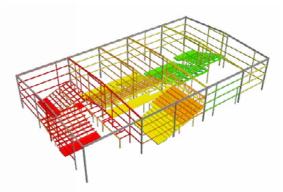


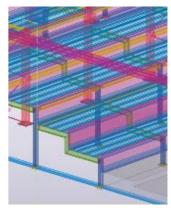
















CINÉPOLIS MANZANILLO Client: **Cinépolis - Tenedora de Cines** Contractor: **D.H.I. Construcciones** Manzanillo, México I 2016

Construction of Steel Structures for Projection Rooms and Service Areas.

Services





Outsourcing BIM

Metal Structure Subcontractor



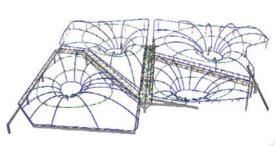
CHEDRAUI SANTA FE Client: Tiendas Chedraui Contractor: Lonas Lorenzo Ciudad de México, México I 2013

Construction of Non-Conventional Steel Structure for Architectural Membrane (Tensile Structure) Roof.







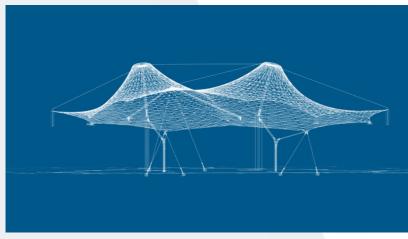














GRAN TERRAZA BELENES Client: **Grupo Gigante Inmobiliario** Contractor: **Lonas Lorenzo** Guadalajara, México I 2012

Construction of Non-Conventional Steel Structure for Architectural Membrane (Tensile Structure) Roof.





GRAN TERRAZA OBLATOS Client: Grupo Cigante Inmobiliario Contractor: Lonas Lorenzo Guadalajara, México I 2012

Construction of Unconventional Steel Structure for Architectural Membrane Cover (Tensile Structure).

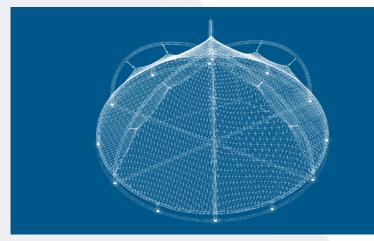














CENTRO SANTAFE EXPANSION

Client: Centro SantaFe Contractor: Lonas Lorenzo Cuidad de México, México I 2011

Construction of Non-Conventional Steel Structure for Architectural Membrane Cover (Tensile Structure).

Services



Steel Structure Subcontractor

COMERCIAL GRANADA

Contractor: Vargas & Suarez Arquitectos Cali, Colombia I 2008

Design and Construction of Steel Structures for Commercial Spaces.

Services





Structural Design.

Steel Structure Subcontractor

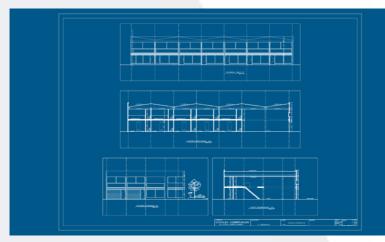














COMERCIAL ROOSEVELT CON QUINTA Contractor: Interdrogas Cali, Colombia I 2008

Design and Construction of Steel Structures for Commercial Spaces.

Services

Structural

Desig





Steel Structure Subcontractor.



CARREFOUR BUGA Client: Carrefour Colombia Contractor: Induvel Buga, Colombia I 2006

Construction of Steel Structure for Store and Storage Warehouse.

















CHIPICHAPE SHOPPING MALL EXPANSION

Client: Centro Comercial Chipichape Contractor: SAINC Ingenieros Constructores - Perfilamos del Cauca.

Cali, Colombia I 2006

Manufacturing of Structural Steel Joists for Mezzanine Floor Systems.

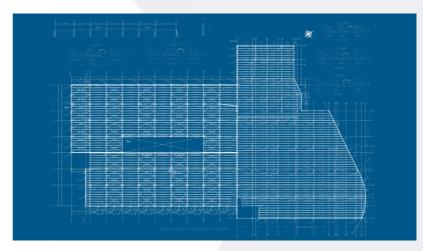




HOMECENTER CHIPICHAPE Client: Homecenter | Sodimac Colombia Contractor: B&V Estructuras Metálicas Cali, Colombia I 2006

Fabrication of Steel Structure for Roof.

















RECONSTRUCTION "LA FERIA DE LAS PINTURAS NORTE"

Client: Distriferias Cali, Colombia I 2005

Demolition, Design, and Construction of a Commercial Store with Steel Structures.

Services



Structural

Design

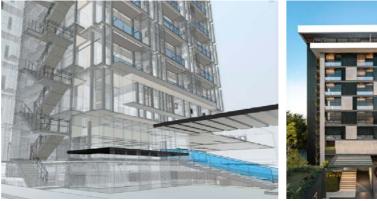




Demolition Subcontractor Steel Structure Subcontractor

RESIDENTIAL AND HOTEL SECTOR PROJECTS







LEONES LIVING Client: Inmobiliaria Vidusa. México I 2021 - 2022

Feasibility Studies, Design Coordination, and Budgeting Implementation using BIM.

Services





Project Management BIM Coordination

MATAMOROS LIVING Client: Inmobiliaria Vidusa

Monterrey, México I 2021 - 2022

Feasibility Studies, Design Coordination and Budget Implementation using BIM.

Services





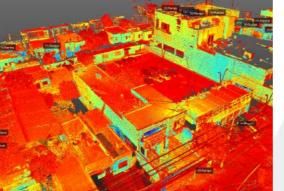
nation

Project Management

Reality Capture













KULKANA Client: Tierra y Armonía Cancún, México I 2021 - 2022

Development of BIM models for building prototypes and amenities.

Services





BIM outsourcing BIM coordination.



JUSTO SIERRA Client: Ruba Residencial - Lodela Guadalajara, México I 2020 - 2022

Development of Architectural, Structural, and MEP Engineering BIM Models for Design and Construction Coordination.

Services



















PORTÓN DEL OESTE Client: SAINC Ingenieros Constructores Contractor: Perfilamos del Cauca Cali, Colombia I 2005

Manufacturing of Structural Steel Joists for Mezzanine Floor Systems.

Services



9 76



CAPITAL SUR Client: Tierra y Armonía Queretaro, México I 2020 - 2022

Development of BIM models for building prototypes.

Services

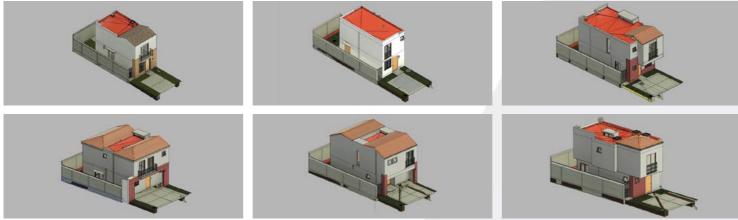


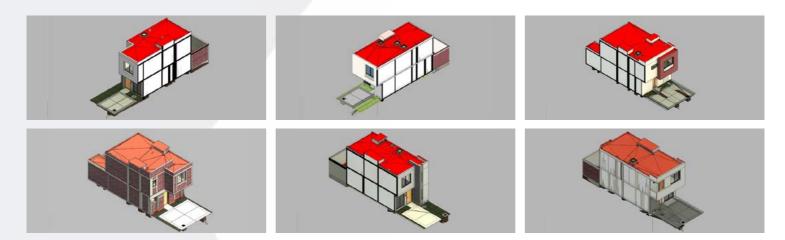


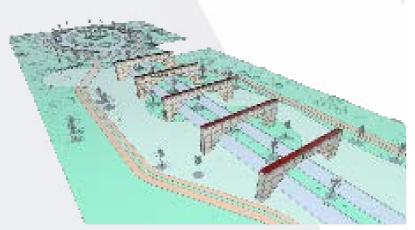
BIM out-sourcing

BIM coordi-nation











ALVA RESIDENCIAL Client: Tierra y Armonía Zapopan, México I 2020 - 2021

Development of BIM models for building prototypes.

Services



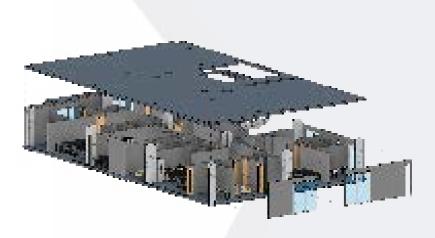


BIM outsourcing BIM coordination.



FEDERALTA Client: Ruba Residencial - Lodela Guadalajara, México I 2019 - 2021

Development of Architectural, Structural and MEP BIM models for design and construction coordination.









BIM outsourcing

















ATENAS URBAN LIVING

Client: Grupo Allegra Guadalajara, México I 2019 - 2020

Development of BIM Model for design and construction coordination.

Services





BIM outsourcing BIM coordination.



BALANTY Client: Ruba Residencial - Lodela Guadalajara, México I 2019 - 2020

Development of BIM model for design and construction coordination.

Services





nation.

BIM out- B sourcing

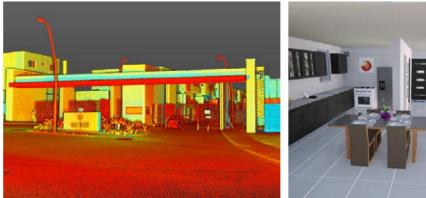


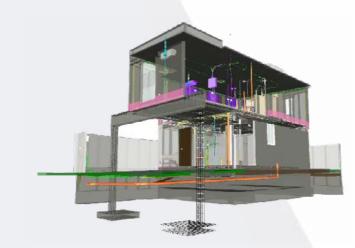












PUERTA DE HIERRO - LINCES

nation

Client: Inmobiliaria Vidusa Monterrey, México I 2019

Development of BIM models for building prototypes.

Services





BIM coordi-BIM outsourcing

Reality capture

Extended reality



JS 2073 Client: Grupo Allegra Guadalajara, México I 2019 - 2020

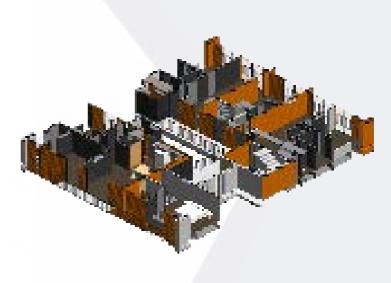
Development of Architectural, Structural, and MEP BIM Models for Design and Construction Coordination.





BIM outsourcing

















PMO IMPLEMENTATION Client: Inmobiliaria Vidusa Monterrey, México I 2018 - 2020

Business consulting for the design and implementation of a Project Management Office using Lean Construction tools and the BIM methodology in accordance with PMI criteria.

Services





Project Management Consulting BIM Consul- Training ting

grupaxerta^{*}

CORTEZA RESIDENCIAL

Client: Grupo Axerta Guadalajara, México I 2017 - 2019

Technical Coordination and Construction Supervision implementing BIM and Lean Construction

Services







Construction Management

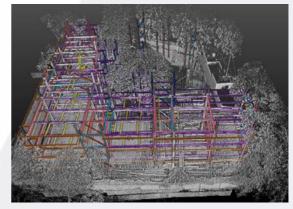
Lean Con- Bli sultancy

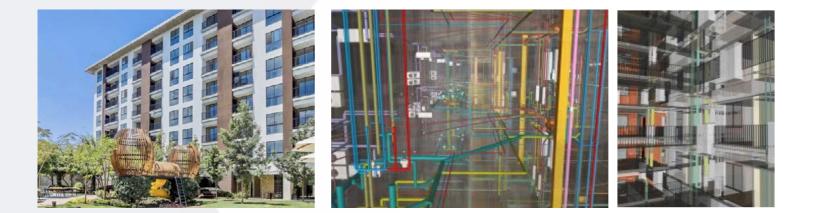
BIM Consultancy Capture













LIFE PATRIA Client: Tierra y Armonía Zapopan, México I 2016

Development of Architectural, Structural, and MEP BIM Model for Design and Construction Coordination

Services





BIM Outsourcing BIM Coordination

grupAXERTA[®]

CLASSIQA CHAPALITA Client: Grupo Axerta Zapopan, México I 2016

Development of Architectural, Structural, and MEP BIM models for design and construction coordination.

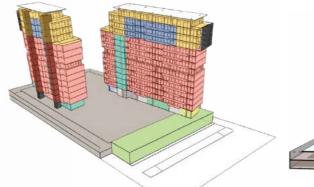
Services















<mark>∦</mark> GVA

TORRE VILLAHERMOSA Client: GVA Arquitectura Integral Villahermosa, México I 2015

Elaboration of Architectural BIM Model and conceptual and schematic level Structural and MEP Engineering designs development.

Services





Structural B Design



TORRES LA TOSCANA Client: Tierra y Armonía Zapopan, México I 2015

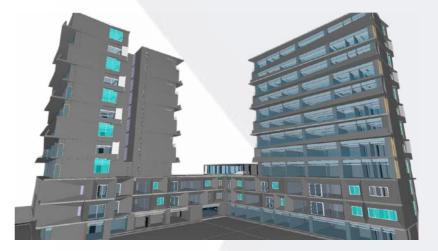
Development of Architectural, Structural, and MEP BIM models for design and construction coordination.









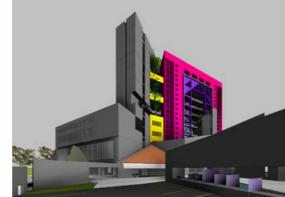
















CENALTUR CENTRO NACIONAL DE ALTO TURISMO Puerto Vallarta Jalisco

HOTEL ESCUELA | CANALTUR VALLARTA Client: Cenaltur | Centro Nacional de Alto Turismo Puerto Vallarta, México I 2015

Development of Structural BIM Model.

Services





PRADOS DE SAN AGUSTÍN Client: Skema Promotora Cali, Colombia I 2014

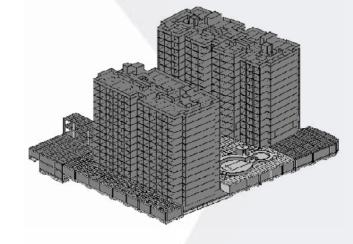
Structural Analysis and Calculation.

Services





Structural Design















SECRETS VALLARTA BAY Client: Secrets Resorts and Spas Contractor: Lonas Lorenzo Puerto Vallarta, México I 2012

Construction of Non-Conventional Steel Structure for Architectural Membrane Roofs (Tensile Structures).

Services



Metal Structure Subcontractor

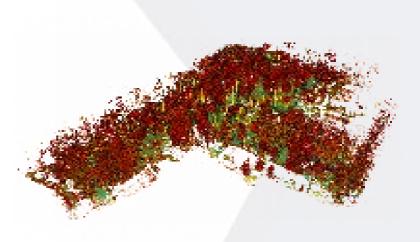
LOS CAZOS

Mazamitla, México I 2021

Topographic survey of a rural plot using point clouds generated by a laser scanner.

Services









MIXED-USE SECTOR PROJECTS



TORRES VIDUSA Client: Inmobiliaria Vidusa Monterrey, México I 2020

Pre-feasibility Studies, Architectural Design, and Design Coordination implementing BIM.

Services







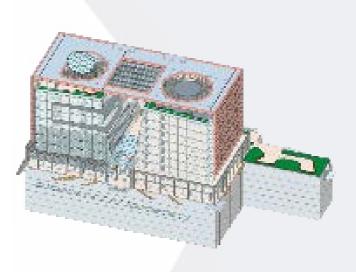






BIM Coordination

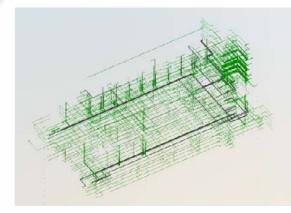
Reality Capture

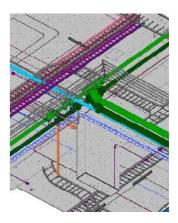
















PUNTO SUR LIFE STYLE CENTER Client: Centro Comercial Punto Sur Contractor: Tierra y Armonía Tlajomulco, México I 2015 - 2018

Support in the development of Pre-Construction activities and Construction Supervision of Phase I implementing BIM and Last Planner System.

Services



Lean Consulting







Quality ManageBIM Outsourcing BIM Consulting

Reality Capture



SENTURA TLALNEPANTLA Client: IUrbana Contractor: Trilobita - SICSA - Inmobiliaria Zona Mx Tlanepantla, México I 2016 - 2021

Coordination and Construction Supervision implementing BIM and Lean Construction.

Services



Construction Management





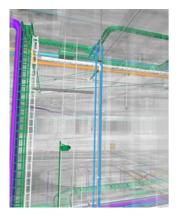


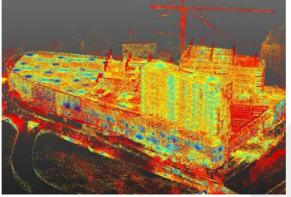


BIM Outsour-Lean Consulting cing

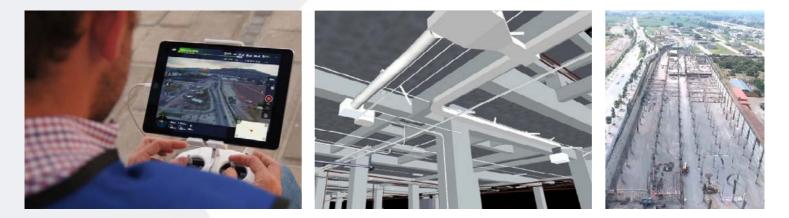
BIM Consulting













PUNTO SUR LIFE STYLE CENTER Client: Centro Comercial Punto Sur Contractor: Tierra y Armonía Tlajomulco, México I 2015 - 2018

Support in the development of Pre-Construction activities and Construction Supervision of Phase I implementing BIM and Last Planner System.

Services



Lean Con-

sulting









Quality ManageBIM Outsourcing

r- BIM Consulting Reality Capture



MALL PLAZA NQS Client: Inversiones La 14 Contractor: Inversiones La 14 - Lonas Lorenzo Bogotá D.C., Colombia I 2011

Construction of Structure for Structural Reinforcement and for Architectural Membrane Roofing (Tensile Structure).

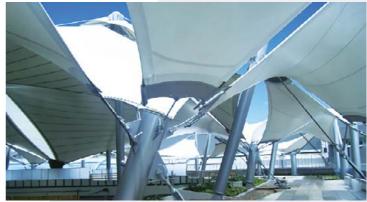


Services



Subcontractor Metal Structure





INFRASTRUCTURE AND TRANSPORT SECTOR PROJECTS



TIJUANA INTERNATIONAL AIRPORT Client: GAP |Grupo Aeroportuario del Pacífico Tijuana, México I 2021

Point Cloud Surveying using Laser Scanners and development of BIM Models of Existing Buildings and General Perimeter.

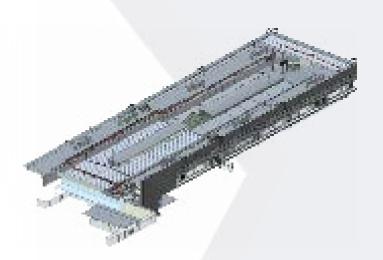
Services





Reality Capture

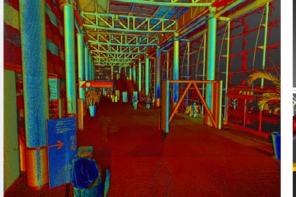


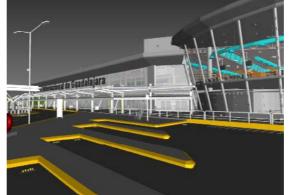




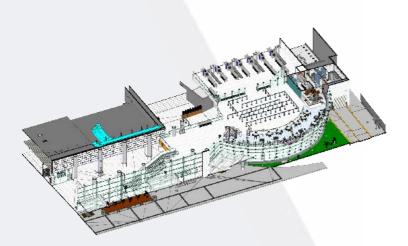














GUADALAJARA INTERNATIONAL AIRPORT Client: GAP |Grupo Aeroportuario del Pacífico Guadalajara, México I 2021

Point Cloud Surveying using Laser Scanners and development of BIM Models of Existing Buildings and Infrastructure.

Services





BIM Outsour-



CDMX INTERNATIONAL AIRPORT Client: GAP |Grupo Aeroportuario del Pacífico Contractor: Grupo CASS Ciudad de México, México I 2020

Lean Consulting for the implementation of Last Planner System and use of BIM models based on Point Cloud Surveys using Laser Scanners for construction control.

Services



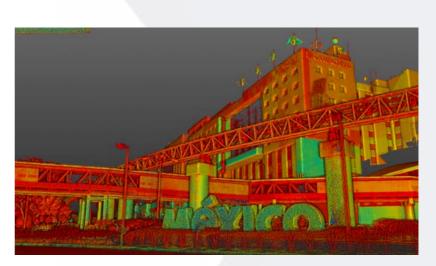


cing



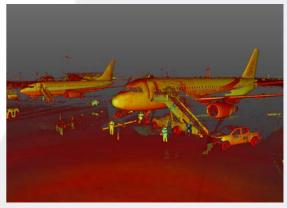
Reality Capture

BIM Outsour-Lean Consulting





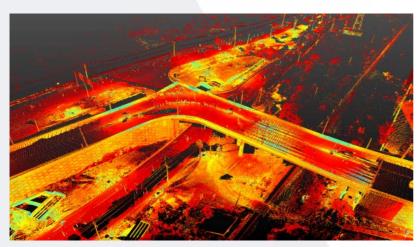














PUENTE DEPRIMIDO EL PIPILA Client: AICM |Aeropuerto Internacional de la CDMX Contractor: Grupo CASS Ciudad de México, México I 2020

Point Cloud Surveying using Laser Scanning, BIM Model Development, and Lean Consulting for the implementation of Last Planner System for construction planning and control.

Services





cing



Reality Capture Lean Consulting



HANGAR QET TECH AEROSPACE Client: Secretaría de Economía del Gobierno de Sonora Contractor: Lonas Lorenzo Ciudad Obregón, México I 2013

Construction of Steel Structure for Maintenance Hangar.



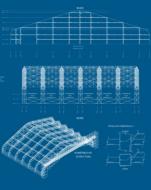




Metal Structure Subcontractor









STABILIZATION OF LADERA SECTOR Client: Alcaldía de Cali

Cali, Colombia I 2009

Construction of Slope Stabilization System with Passive Anchors.

Services



General Contractor

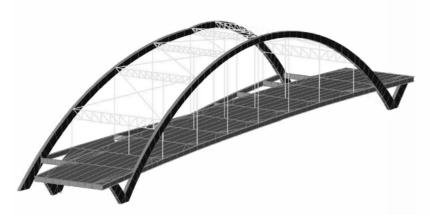














VEHICLE BRIDGE AUTOPISTA SUR ORIENTAL Client: EMRU | Empresa Municipal de Renovación Urbana Cali, Colombia I 2008

Structural Analysis and Calculation of a Vehicle Underpass.

Services



Structural Design.



BUS STOP STATIONS Client: Alcaldía de Bogotá Contractor: Consorcio NQS Sur Tramo 1 Bogotá D.C., Colombia I 2004

Construction of Steel Structures for Stations of the Mass Transit System.



Services



Metal Structure Subcontractor.





EDUCATION AND INSTITUTIONAL SECTOR



MONTERREY TECHNOLOGICAL UNIVERSITY - CAMPUS MONTERREY

Client: ITESM | Instituto Tecnológico y de Estudios Superiores de Monterrey **Contractor:** TTQ Monterrey, México I 2019

Point Cloud Generation using Laser Scanner and Development of BIM Models of Existing Buildings and Infrastructure.

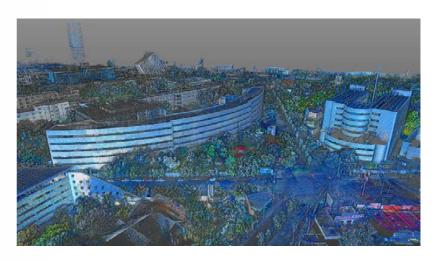
Services





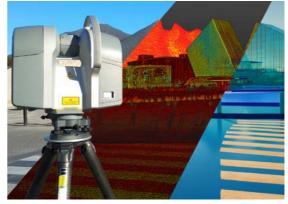
Reality Capture.

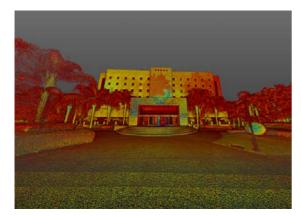


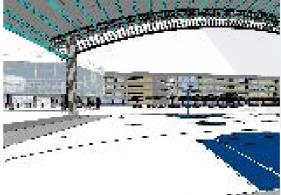


















MONTERREY TECHNOLOGICAL UNIVERSITY - CAMPUS GUADALAJARA

Client: ITESM | Instituto Tecnológico y de Estudios Superiores de Monterrey **Contractor:** TTQ Guadalajara, México I 2019

Point Cloud Generation using Laser Scanner and Development of BIM Models of Existing Buildings and Infrastructure.

Services





Reality Capture.

BIM Outsourcing



MONTERREY TECHNOLOGICAL UNIVERSITY - CAMPUS SANTA FE

Client: ITESM | Instituto Tecnológico y de Estudios Superiores de Monterrey **Contractor:** TTO Ciudad de México, México I 2019

Point Cloud Generation using Laser Scanning and Development of BIM Models for Existing Buildings and Infrastructure.





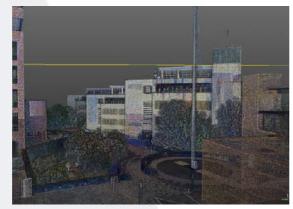


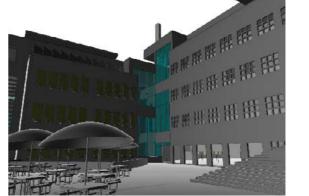


NH HUNHY

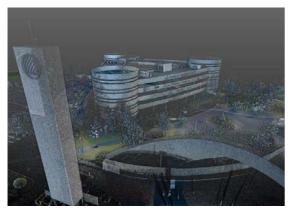
Reality Capture.



















MONTERREY TECHNOLOGICAL UNIVERSITY - CAMPUS PUEBLA

Client: ITESM | Instituto Tecnológico y de Estudios Superiores de Monterrey Contractor: TTQ Puebla, México I 2019

Point Cloud Generation using Laser Scanning and Development of BIM Models for Existing Buildings and Infrastructure.

Services





Reality Capture. Outsourcing BIM



MONTERREY TECHNOLOGICAL UNIVERSITY - CAMPUS QUERÉTARO Client: ITESM | Instituto Tecnológico y de Estudios Superio-

res de Monterrey **Contractor:** TTO Queretaro, México I 2019

Point Cloud Generation using Laser Scanning and Development of BIM Models for Existing Buildings and Infrastructure.









Reality Capture.

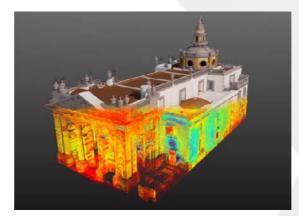


















LIBRARY IBEROAMERICANA OCTAVIO PAZ Client: UDG | Universidad de Guadalajara Contractor: Arq. Xavier Massimi Puebla, México I 2016

Point Cloud Generation using Laser Scanning and Development of BIM Models for Existing Buildings and Infrastructure.

Services





Outsourcing BIM







INSTITUTE OF GOVERNMENT SCIENCE AND STRATEGIC DEVELOPMENT

Client: Benemérita Universidad Autónoma de Puebla Contractor: Lonas Lorenzo Puebla, México I 2013

Manufacturing of Steel Structures for facade modules with architectural membrane.

Services



Metal Structure Subcontractor.



CARIÑO EL REMANSO Client: **Alcaldía de Cali**

Contractor: EMS Arquitectura Cali, Colombia I 2010

Structural Analysis and Calculation for Comprehensive Child Care Center.



Services



Structural Design.













CAMPO DE PARADAS Cliente: ECSAN Escuela de Cadetes General Santander -Policía Nacional de Colombia Bogotá D.C., Colombia I 2009

Design and Construction of Renovation of Bleachers and Complementary Works of the Parade Field.

Services





Structural Design



Architectural Design.

General Contractor



CIUDADELA EDUCATIVA NUEVO LATIR

Client: EMRU | Empresa Municipal de Renovación Urbana Contractor: EMRU | Empresa Municipal de Renovación Urbana - Estrumetal Cali, Colombia I 2008

Analysis and Calculation of Structures for Educational Complex and Steel Structure Manufacturing.

Services



Structural

Design



Metal Structure Subcontractor.















IUAJC EXPANSION Client: IUAJC | Instituto Universitario Antonio José Camacho Cali, Colombia | 2008

Design and Construction of Buildings for Classrooms and Complementary Works.

Services



Structural

Design



Project Management. Metal Structure Subcontractor.



ICESI UNIVERSITY EXPANSION Client: Universidad ICESI Contractor: Perfilamos del Cauca Cali, Colombia I 2004

Manufacturing of Structural Steel Joists for Mezzanine Systems.













HEALTH SECTOR PROJECTS





UNIDAD PINO SUÁREZ Client: ISSSTELEON Contractor: Grupo CASS Monterrey, México I 2019

Point Cloud Surveying with Laser Scanning and Development of BIM Models for Construction Project Closure.

Services







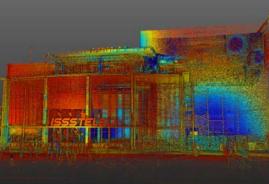
Reality Capture

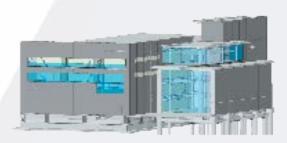
Outsourcing Cost Consulting





BIM













UNIDAD DE HEMODIÁLISIS Client: Hospital México Americano Guadalajara, México I 2016 - 2017

Implementation of Last Planner System and BIM Model for Construction Planning and Control.

Services





Lean Consulting Outsourcing BIM



RADA AESTHETIC & SPA CALI Client: Clínica Rada Cali, Colombia I 2007

Structural Design and Construction of Steel Structure for Specialized Aesthetic Medicine Clinic.

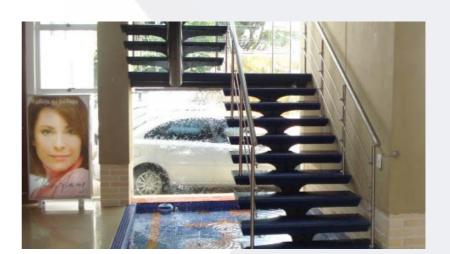
Services





Structural Design



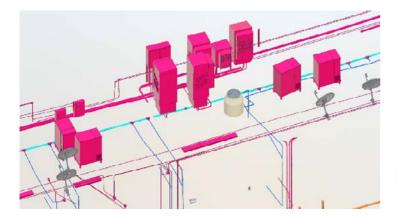








EDUCATION AND INSTITUTIONAL SECTOR PROJECTS









NOU CAMP | LEON STADIUM Client: Grupo Pachuca Contractor: Manhattan Construction Group León, México I 2022

Point Cloud Surveying using Laser Scanning and Development of BIM Models for Existing Buildings.

Services





Reality Capture Outsourcing BIM

SOCIAL AND SPORTS CLUB SPGG Client: Inmobiliaria Vidusa

San Pedro Garza García, México I 2020

Coordination of Preliminary Studies and Development of Pre-Feasibility Studies.

Services



Project Management.















CALIENTE STADIUM Client: Club Tijuana Xoloitzcuintles de Caliente Contractor: Lonas Lorenzo Tijuana, México I 2013

Construction of Non-Conventional Steel Structure for Architectural Membrane Cover (Tensile Structure).

Services



Janas Jarenza.

PARQUE DEPORTIVO Y CULTURAL PUNTA NORTE Contractor: Lonas Lorenzo

Ciudad del Carmen, México I 2013

Construction of Non-Conventional Steel Structure for Architectural Membrane Covers (Tensile Structures).





















LA JABONERA Contractor: Lonas Lorenzo Torreón, México I 2012

Construction of Non-Conventional Steel Structure for Architectural Membrane Cover (Tensile Structure).

Services





FSTSE Client: FSTSE | Federación de Sindicatos de Trabajadores al Servicio del Estado Contractor: Lonas Lorenzo Ciudad de México, México I 2012

Construction of Non-Conventional Steel Structures for Architectural Membrane Covers (Tensile Structures).



Services



Metal Structure Subcontractor.













OLÍMPICO PASCUAL GUERRERO STADIUM

Client: Alcaldía de Cali Contractor: Fondo Mixto para la Promoción y el Deporte Cali, Colombia I 2009 - 2011

Reform and Adaptation of the Stadium for FIFA U-20 World Cup.

Services





Project Management General Contractor

INDUSTRIAL SECTOR PROJECTS

.











KOLBENSCHMIDT PLANT EXPANSION Client: **Kolbenschmidt de Mexico**

Celaya, Colombia I 2021

Coordination and Construction Supervision for Production Plant Expansion.

Services



Project Management

TRINITYRAIL

NAVE INDUSTRIAL Client: Trinity Rail Sabinas, México I 2020

Development of BIM Models for Construction Project Closure.

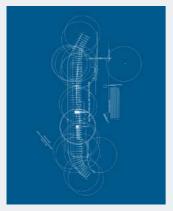
Services



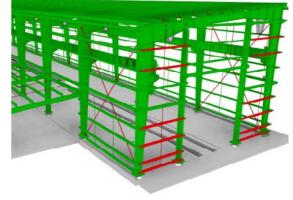
Outsourcing BIM

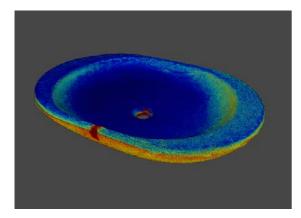
Cost Consul-ting

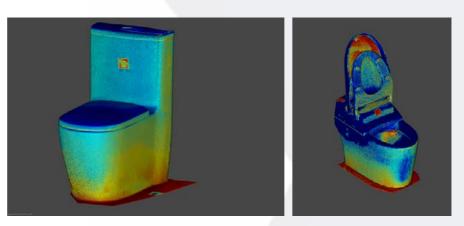


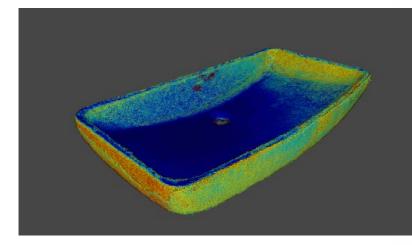












corona

REALITY CAPTURE PRODUCTS CORONA Client: Porcelana Corona de México

Monterrey, México - Ciudad de Guatemala, Guatemala -Bogotá D.C., Colombia I 2020

Point Cloud Surveying with Digital Photogrammetry and Development of BIM Models for Porcelain Bathroom Products.

Services





Reality Capture. Outsourcing BIM



SUKARNE MONTERREY Client: SuKarne Monterrey, México I 2019

Point Cloud Surveying through Laser Scanning and Execution of MEP Engineering Designs for Production Plant Adaptation.

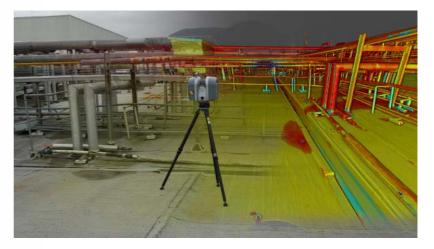
Services



Reality Capture



MEP Engineering Design











BMW MÉXICO PLANT Client: BMW Contractor: Copachisa - BMW México San Luis Potosí, México I 2016 - 2019

Consultancy in Lean Processes, especially for the implemen-tation of Takt Time Planning for the Planning and Control of Construction and Equipment Assembly Processes. Coordi-nation of Engineering Designs from BIM Models.

Services











Lean Consulting

BIM Coordi-Outsourcing nation

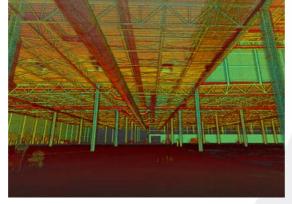
Digital Photography

Reality Capture





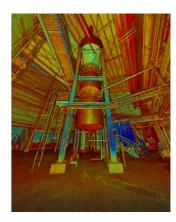
BIM















TAMAZULA REFINERY Client: Ingenio Tamazula Tamazula, México I 2018

Industrial Plant Surveying with Point Clouds using Laser Scanning and 3D Modeling

Services





Reality Capture BIM Outsourcing



NISSAN PLANT Client: Nissan México Contractor: TYP | Terracerías Y Pavimentos Y Asociados Aguascalientes, México I 2017

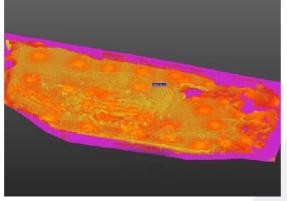
Surveying of Material Stockpile with Point Clouds using Laser Scanning

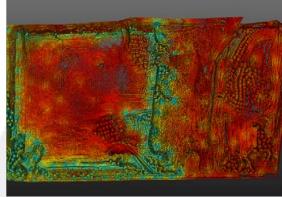
Services

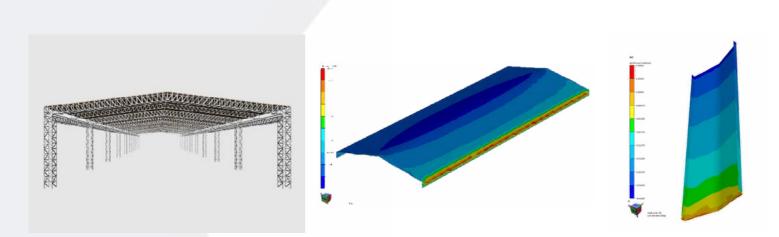














Tenaris Tamsa

PATIO DE CHATARRA Client: Tubos de Acero de México Veracruz, México I 2015

Structural Analysis and Design of an Industrial Warehouse for a Scrap Yard.

Services



Structural Design



IMPALA WAREHOUSING Client: Impala Terminals México Contractor: Corporativo Precolados Manzanillo, México I 2012

Construction of Steel Structures for Industrial Warehouses and Complementary Works.



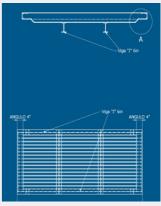


Metal Structure Subcontractor



















VEGETABLE OIL REFINERY PLANT Client: Teams Food Buga, Colombia I 2012

Construction of foundation and steel structure for the physical refining plant building of vegetable oils.





BAGASSE PLANT Client: Ingenio de Occidente Villa Rica, Colombia I 2012

Design and Construction of Steel Structure for Sugarcane Bagasse Processing Plant.

Services





Structural Design

















COLOMBINA DEL CAUCA FASE II Client: Colombina Contractor: Construandes Santander de Quilichao, Colombia I 2012

Construction of steel structure for expansion of production plant.

Services



Steel Structure Subcontractor

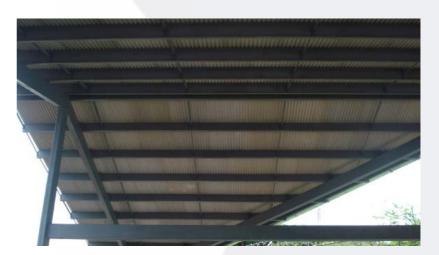
Eternit®

EXPORTING WAREHOUSE Client: **Eternit del Pacífico**

Yumbo, Colombia I 2008

Construction of Foundation and Steel Structure for Export Materials Warehouse.













CHIMENEA HORNO

Client: Argos Contractor: Construmecam Yumbo, Colombia I 2008

Construction of Steel Chimney for Oven.

Services



Steel Structure Subcontractor



CALCIUM CARBONATE PLANT Client: Eternit del Pacífico Contractor: Qbiko Arquitectura Yumbo, Colombia I 2007

Construction of Steel Structure for Industrial Building.















PASTIFICIO PASTICHELI PASTA PLANT Client: Pastas V&V

Palmira, Colombia I 2006

Design and Construction of Steel Structure for Food Processing Plant.

Services





Structural Design Steel Structure Subcontractor

INK INDUSTRIAL PLANT Client: Industrial de Tintas

Yumbo, Colombia I 2005

Design and Construction of an Industrial Plant for Ink Production.







Architectural Design

Structural Design

MEP Engineering Design

General Contractor















INDUSTINTAS PLANT

Client: Industintas Santander de Quilichao, Colombia I 2004

Design and Construction of Industrial Plant for Ink Production.

Services





Structural

Design





Architectural Design MEP Engineering Design General Contractor



EDIFICIO DE EMPAQUES Client: Sucroal Contractor: Promometal Palmira, Colombia I 2004

Construction of Industrial Building with Steel Structure and complementary works.



















RUM WAREHOUSE Client: Industria de Licores del Valle Contractor: Concreacero Palmira, Colombia I 2003

Construction of Steel Structure for Industrial Plant for Rum Production.









or the Industry.

The International Community of Technology and Innovation for the AEC Industry, is a place where different spaces with current content converge, aimed at promoting learning, good practices, and the dissemination of cutting-edge topics in the AEC Industry.





The main objective of the CITI AEC Congress is to be the meeting point for Architects, Engineers, Builders, Developers and Investors in a space where technology and innovation converge through exhibitions and debates of ideas, concepts, methodologies, and processes, for the benefit of the AEC industry.

Currently, the event addresses topics such as: Construction 4.0, SmartCities, Building Information Modeling and Virtual Design and Construction (BIM/VDC), Computer Integrated Manufacturing (CIM), Reality Capture, Extended Reality, Project Management, Facility Management, Sustainability, Construction Materials, and Construction Systems. Our vision for the year 2025 is to become the largest and most important Technology and Innovation event in all of Ibero-America within the Architecture, Engineering and Construction Industry.



CITI-AEC Talks is a virtual space for professional development led by experts in the field, featuring current topics in the Architecture, Engineering and Construction industry.



The CITI AEC Community has created CI-TI-AEC PILLS, featuring informative video "pills" that explain in 60 seconds, in a simple way, the How? Why? and What for? of various topics of interest in the Architecture, Engineering and Construction industry.



CITI AEC Interview offers a space to gain a deeper understanding of the leaders in the AEC industry, who will share their professional trajectory and personal experience from a comprehensive perspective, including anecdotes, challenges, and success stories.



Consulting & Construction

Teléfono

Cuadalajara: +52 (33) 3640-3179

Oficinas

Goya 561 C.P 44670 Guadalajara, Jal. 3130 W 84Th St Unit 5 Hialeah, Florida. 33018

Correo Electrónico

info@consulting.construction



Sitio Web

https://consulting.construction/