

Building The Americas Green Since 1971

INGEMEL S.A.
ENGINEERING COMPANY



AGENDA

- About US
- Specialties
- Services
- Markets
- Controls
- Why Ingemel

INGEMEL S.A.





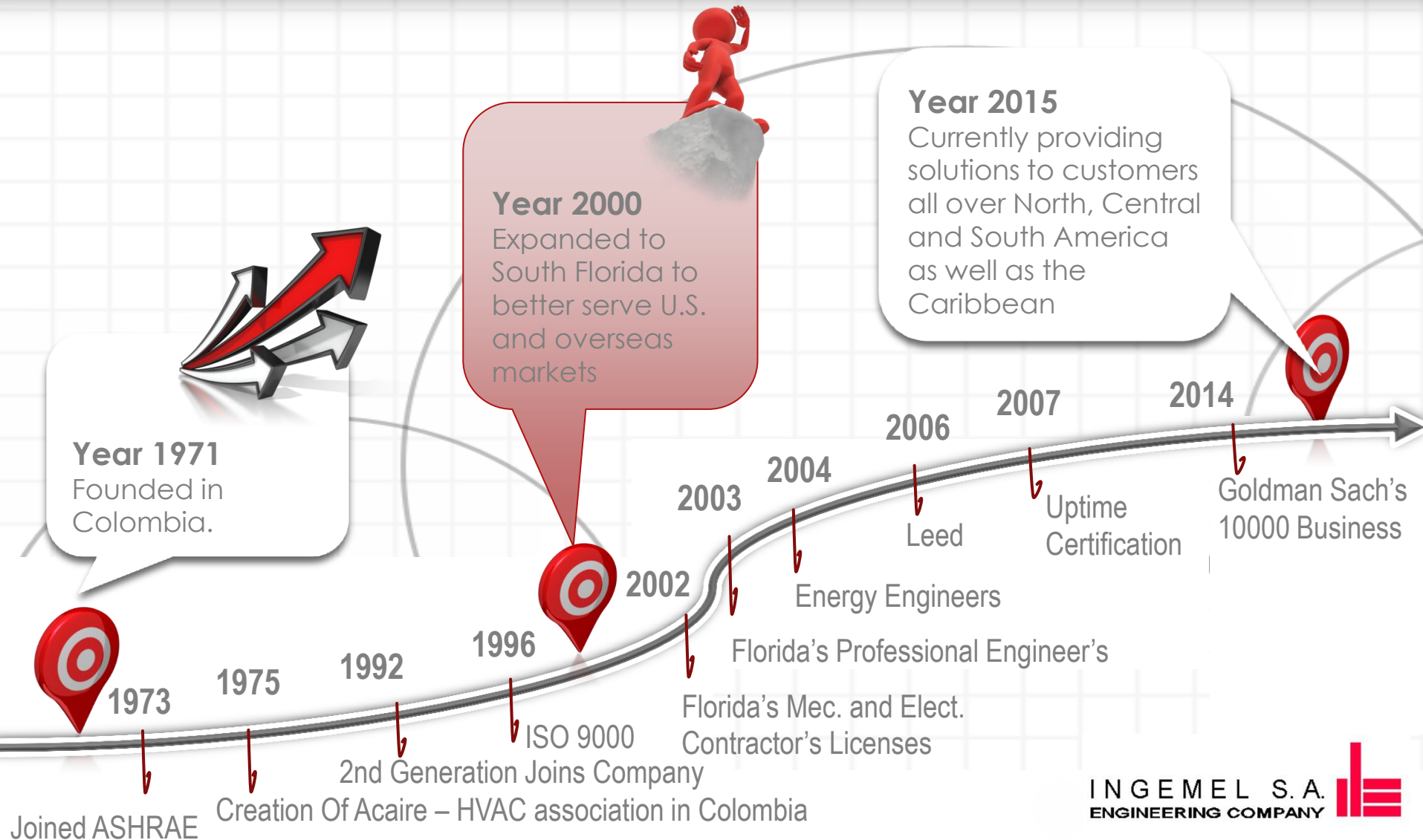
About Us

- Ingemel S.A. is an internationally recognized multi-disciplinary engineering firm.
- With an emphasis in customer service and cost effectiveness, Ingemel S.A. has built a stellar reputation.
- Team of experienced, professional engineers, providing energy efficient, environmentally sound, technologically advanced and safety compliant solutions for a wide range of projects
- Focused on Hospitality, Industrial, Commercial, Government, Education, Mission Critical and Healthcare Facilities.



About Us

(Some of Ingemel and Partners' Milestones)

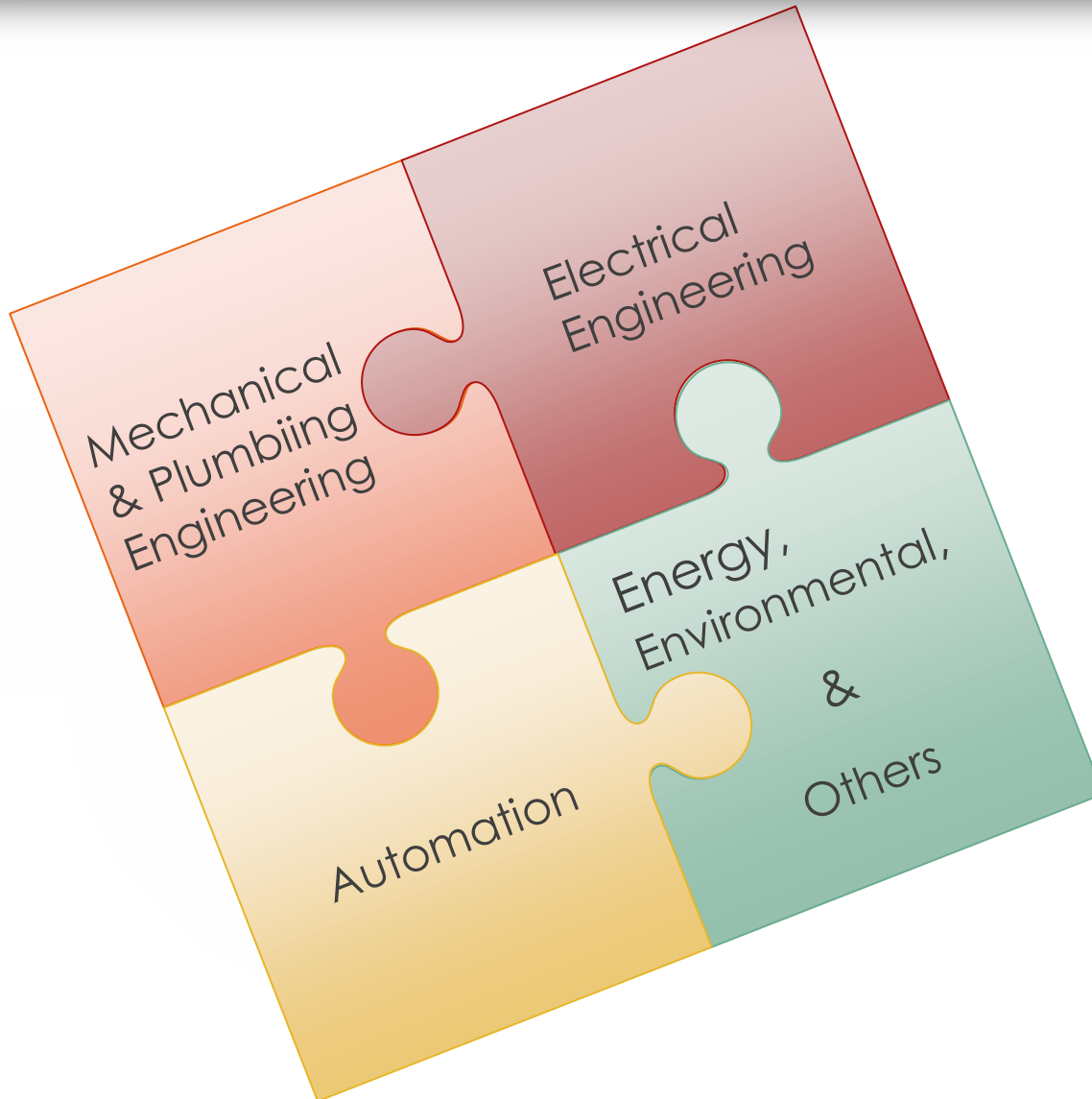
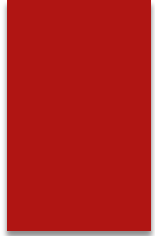


INGEMEL S.A.





Specialties



All your needs:

- **One** Company
- **One** Solution
- **All** Disciplines Coordinated



Specialties



Mechanical Engineering



- **HVAC Systems:** Air conditioning, ventilation, filtration, pressurization, humidification, dehumidification, adiabatic systems, heating, central boiler and chilled water plants.
- **Hydronics:** Hot water, steam, thermal oil, chilled Water
- **District Cooling Plants**
- **Compressed air and Medical Gases**
- **Refrigeration**
- **Heat Recovery and Transfer**
- **Thermal Storage**
- **Hydraulic & Plumbing**
- **Others**





Specialties



Electrical Engineering



- Electric power plants and standby generators.
- Power distribution
- Lighting systems
- Protection systems, Switchboards, grounding, etc.
- Central fire detection alarming and monitoring systems.
- Central security and CCTV systems.
- Voice, data and sound distribution systems.
- Uninterrupted power systems and DC plants.
- Others





Specialties



Automation



- **BMS, EMS, Automation & Process Control Systems:** Design, install, start-up and Commissioning.
- **Energy Monitoring and Optimization Services:** Chilled water plants, HVAC systems, lighting , load shedding, cogeneration and emergency parallel systems
- **Full Life-Cycle Equipment and Computer Validation**
- **Total building System Integration.**
- **Remote Monitoring Systems**
- **CCTV, Access Control and Security Integration**
- **Metering, Sub metering and Tenant Billing Systems**
- **Others**





Specialties



Energy, Environmental & Other



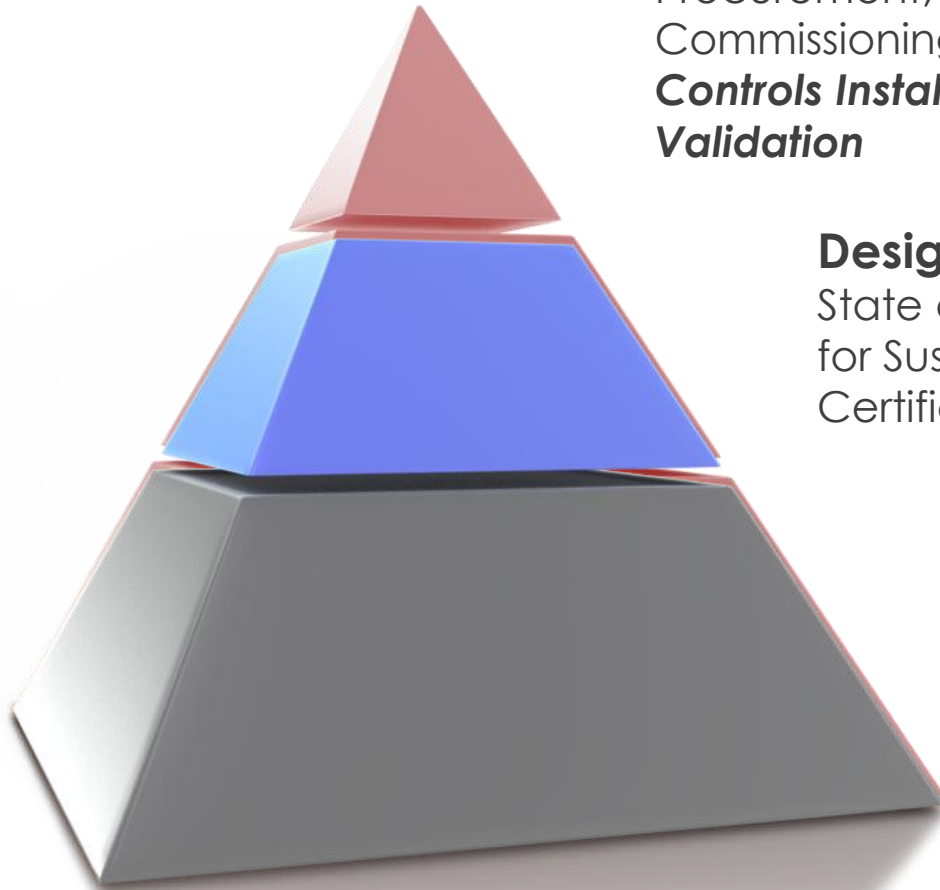
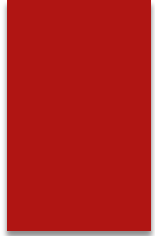
- Green Buildings
- Cogeneration and Combined Heat and Power Systems.
- Water and Waste Water Treatment
- Heat Recovery Systems
- Energy Auditing
- Lighting Retrofits
- Alternative Energy Systems
- On-site Generation & Uninterrupted power systems
- Others

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Services



Construction Services:

Project Management, Owner's Rep.,
Procurement, Technical Assistance,
Commissioning, Validation and Certification
Controls Installation, Programming, Start-Up & Validation

Design:

State of the Art Technological Solutions
for Sustainable Buildings as Well as
Certification Processing if Required

Planning:

Feasibility Studies, Site Evaluation &
Planning, Energy Audits, Facility
Infrastructure Audits



Services

Certifications & Membership

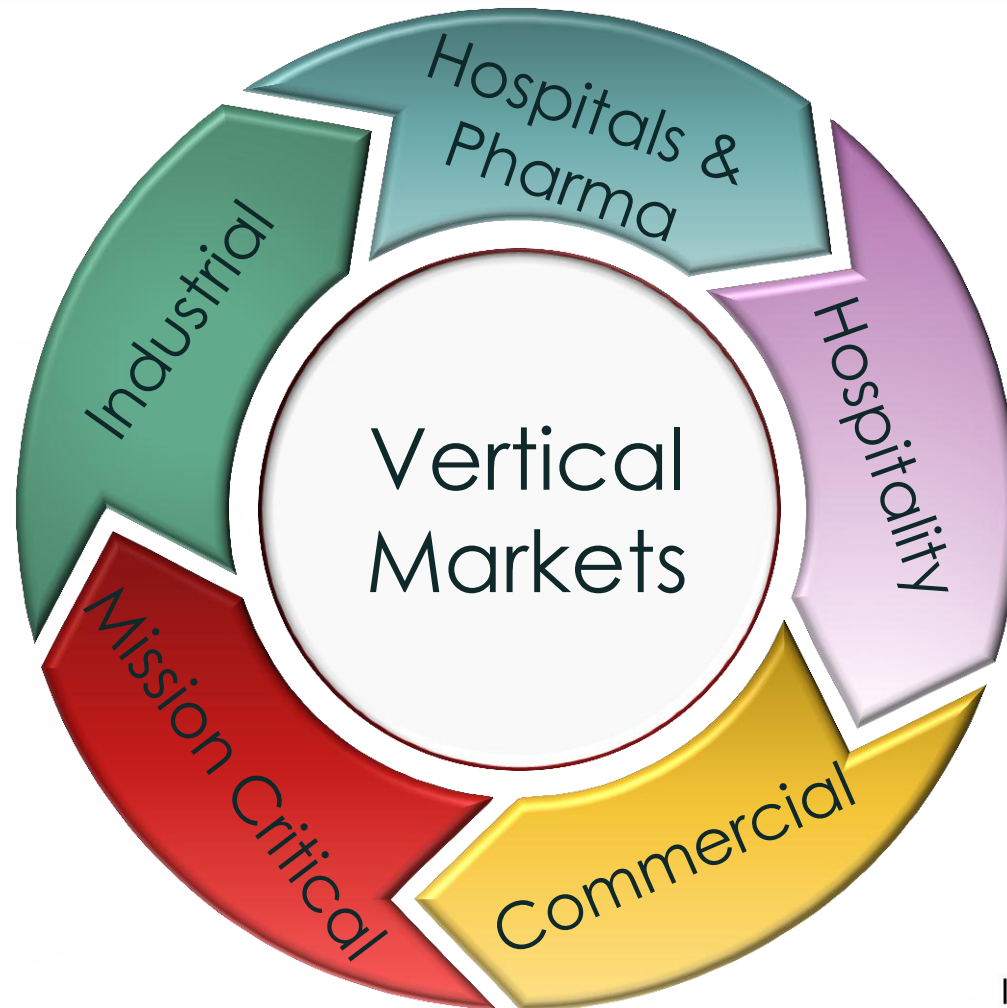


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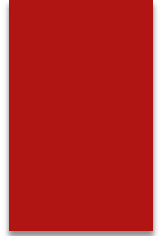


Markets





Markets



Some of our Success
Stories



Markets

HealthCare And Hospitals



- **Northern Regional Medical Hospital**, Orange Walk Town, Belize
- **Corozal Hospital** – Corozal, Belize
- **San Ignacio Hospital** – San Ignacio, Belize
- **Veneto Rehabilitation Center** – Miramar, Florida
- **Hialeah Medical Center**, Hialeah, Florida (Jackson Memorial) Hospital
- **Santa Clara Hospital** - Bogota, Colombia
- **National Police Central Hospital** - Bogota, Colombia
- **The Greater Accra Regional Hospital** – Ghana, Africa
- **Clinica de los Comuneros** – Bucaramanga, Colombia
- **National Police Central Hospital** - Bogota, Colombia
- **ISS Hospital** – Ibagué, Colombia
- **ISS Clinic** – Barranquilla, Colombia
- **San Jose Clinic** – Armenia, Colombia
- **Central Military Hospital** – Bogota, Colombia
- **TCI Grand Turk Hospitals** – Turks & Caicos
- **Cleveland Clinic** – Weston, Florida
- **Portmore Hospital** – Portmore, Jamaica



Markets

HealthCare And Hospitals



- **Memorial Outpatient Center** –
Hallandale, Florida
- **Northern Regional Hospital**, Orange
Walk Town, Belize
- **North Broward Hospital** – Deerfield
Beach, Florida
- **Dangriga Hospital** – Dangriga, Belize
- **Miami Children's Hospital** – Miami,
Florida
- **VA Medical Center** –Miami, Florida
- **Memorial Hospital**, Miramar
- **Miami Heart Institute** – Miami Beach
Florida
- **North West Medical Center** –Margate,
Florida



Markets

Pharmaceuticals



- **Heartware** – Miami, Florida
- **UM Medical Building** – Miami, Florida
- **Andrx** – Davie, Florida
- **Andrx** – Weston, Florida
- **Schering Plough** – Miami Lakes, Florida
- **Schering Plough** – Bogota, Colombia
- **Gambro Renal** – Daytona Beach, Florida
- **Theracor Pharmaceutical** – Sunrise, Florida
- **Ivax** – Miami, Florida
- **Vitacost** – Miami, Florida
- **Abrika** – Sunrise, Florida
- **SmithKline Beecham** – Bogota, Colombia
- **USDA Horticulture**– Homestead, Florida
- **Glaxo** – Bogotá, Colombia
- **Merck** - Bogotá, Colombia
- **IQA** – Bogota, Colombia
- **Bristol Myers Squibb** –San Juan, Puerto Rico
- **BD Bioscience** – Miami, Florida
- **Bayer** – Cali, Colombia
- **JGB** – Cali, Colombia
- **Vecol** – Bogota, Colombia
- **Abbot** – Bogotá, Colombia
- **Alcon** – Bogotá, Colombia
- **SFC Laboratories** – Bogota, Colombia



Markets

Pharmaceuticals

- **Boehringer Ingelheim** – Bogotá, Colombia
- **Ciba-Geigy (Novartis)** – Bogotá, Colombia
- **Rohm & Hass** – Barranquilla, Colombia
- **Sanofi – Winthrop** – Bogotá, Colombia
- **Warner- Lambert** – Bogotá, Colombia
- **Glaxo** – Buenos Aires, Argentina
- **Sandoz** – Bogotá, Colombia
- **Tecnoquimicas** – Cali, Colombia
- **Farmacol** – Cali, Colombia





Markets

Hospitality



- **Canouan Hotel & Villas**, Canouan – St. Vincent & the Grenadines
- **Miami Airport Hilton**, Miami, Florida
- **Renaissance Jaragua Hotel & Casino** – Dominican Republic
- **Cartagena Hilton** - Cartagena, Colombia
- **Breezes Hotel** – Nassau, Bahamas
- **Oasis Hotel** – Haiti
- **Hampton Inn** – Naples, Florida
- **Cayman Dive Lodge** – Cayman Islands
- **Holiday Inn** – Coral Gables, Florida The
- **The Westin Hotel** – Fort Lauderdale, Florida
- **Doral Golf & Spa Resort** – Doral, Florida
- **Diplomat Hotel** – Miami, Florida
- **Loxahatchee Club** - Jupiter, Florida
- **St. Andrews Country Club** – Boca Raton, Florida
- **Sandals Hotel** – Antigua (
- **Naples Grand Resort & Spa** – Naples,
- **Edgewater Hotel** – Naples, Florida
- **Sheraton Yankee Clipper** - Fort Lauderdale, Florida
- **Hotel y Centro de Convenciones Cibao** – Dominican Republic
- **Hotel Cibao – Spa** – Dominican Republic
- **Wellington Spa** – Wellington, Florida La



Markets

Hospitality



- **San Juan Beach Hotel** – Puerto Rico **Ritz Carlton**
– South Beach, Florida
- **Hotel La Victoria** – Puerto Plata, Dominican Republic
- **Hotel Marriot** – Santiago, Dominican Republic
- **Hotel Biltmore** – Marchiquita, Puerto Rico
- **Hotel Aquarium** – San Andrés, Colombia
- **Hotel Hilton** _ Bogotá, Colombia
- **Hotel Intercontinental** – Medellín, Colombia
- **Hotel Intercontinental** – Valencia, Venezuela
- **Hotel Intercontinental** – Cali, Colombia
- **Hotel Melia Casa Versalles** – Cali, Colombia
- **Hotel Hilton** – Pereira, Colombia



Markets

Commercial



- **Centro Pellas** – Nicaragua
- **Seaboard Marine** – Miami, Florida
- **Metro Zoo** – Miami, Florida
- **City of Miami Fire Stations** – Miami, Florida
- **AT&T** – Miami Beach, Florida
- **Il Villagio** – Miami Beach, Florida
- **Mango Road Strip Mall** – Palm Beach, Florida
- **Raw Republic** – Miami, Florida
- **Ryder** – Medley, Florida
- **FPL Headquarters** – Juno Beach, Florida
- **700 Brickell** – Miami, Florida
- **Police Department** – Fort Lauderdale, Florida
- **Marina Towers** – Aventura, Florida
- **Public Works** – Fort Lauderdale, Florida
- **West Pines Church** – Pembroke Pines, Florida
- **FPL** – Riviera Beach, Florida
- **FPL** – LFO Building – Miami, Florida
- **Northwest Regional Library** – Fort Lauderdale, Florida
- **Comcast**
- **American Express** – Miramar, Florida
- **Sogebank Main Headquarters** – Port-au-Prince, Haiti
- **Baru Urbano** – Doral, Florida
- **Pines Park Plaza** – Pembroke Pines, Florida



Markets

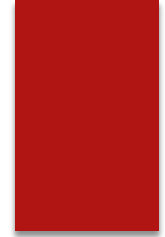
Commercial



- **Miami Free Zone** – Doral, Florida
- **Fort Bragg Mini-Mall** - Fayetteville, North Carolina
- **Buccaneers One Place** – Tampa, Florida
- **Torre Americas** Piso 33, 34, 14, 29, 18, 19, 25, 11 – Ciudad de Panama, Panama
- **Presidente Supermarket** – Hialeah, Florida
- **Canadian Embassy** – Ciudad de Panama, Panama
- **Weston Intercontinental Offices** – Weston, Florida
- **Paitilla 101** – Ciudad de Panama, Panama
- **Fort Street Tourism Village** – Belize
- **Banco Nacional de Paris** - Ciudad de Panama, Panama
- **American Express** – Mexico City, Mexico
- **American Express** – Miramar, Florida
- **American Express** – Weston, Florida
- **American Express** – Plantation, Florida
- **Veneto Corporate Island** – Miramar, Florida
- **Vicino Building** – Pembroke Pines, Florida



Markets



Commercial

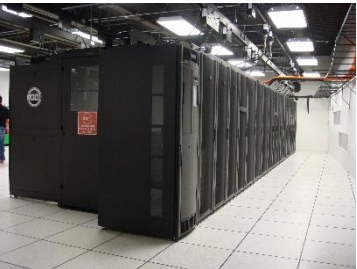


- **Colinas Mall** – Dominican Republic
- **Caribevision** – Doral, Florida
- **Atria Building** — Pembroke Pines, Florida
- **Veneto Building** — Miramar, Florida
- **One Aventura Building**– Aventura, Florida
- **Tropical Air Terminal** - Belize City, Belize
- **US Century Bank** – Pembroke Pines, Florida
- **US Embassy** – Barbados
- **Princess Juliana Airport** – San Marteen
- **Benny's Superstore** – Belize City, Belize
- **Landmark Bank** – Fort Lauderdale
- **Giant Bank** – Fort Lauderdale, Florida
- **James Brodie Supermarket** – Belize City, Belize
- **Milam's Market** – Miami, Florida
- **Wachovia Money Center** – Miami, Florida
- **Consulado de Colombia** – Coral Gables, Florida
- **Danzas DHL** – Puerto Rico
- **Torah Vehemunah Synagogue** – Aventura, Florida
- **FPL** – Training Bldg – Miramar, Florida
- **FPL** – LFO Building – Miami, Florida
- **Federal Bank of Hollywood** – Hollywood, Florida
- **Sacred Heart University** – Puerto Rico



Markets

Mission Critical

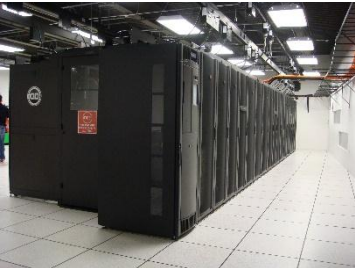


- **Banesco Centro de Datos Alterno** – Venezuela (Tier III-Certified)
- **Cable & Wireless** – Panama (Tier III-Certified)
- **Dayco Host** – Venezuela (Tier III-Certified)
- **CTEX Technology Exchange** - Curacao (Tier IV-Certified)
- **Telefonica Submarine Cable Landing Station**, Jacksonville, Florida
- **NOAA** – Miami, Florida
- **Univita** – Miramar, Florida
- **Data Center in Containers** – Several Projects
- **Indiantown POC** – Indiantown, Florida
- **Equinix** – Miami, Florida
- **Davita** – Orlando, Florida
- **NV El Mar**, Aruba
- **Colohouse** – Miami, Florida
- **Sunguard** – Miami, Florida
- **American Express Computer Room** – Plantation, Florida
- **Matek** – Sao Paulo, Brazil
- **Ryder** – Alpharetta, Georgia
- **Banco G & T** – Guatemala
- **Centro de Datos Ministerio de Hacienda** – Costa Rica
- **Liberty Medical Center** - Port St. Lucie, Florida



Markets

Mission Critical



- **Broward Health** – Fort Lauderdale, Florida
- **Digital Domain** - Playa Vista, California
- **Digital Domain** – Abu Dhabi, UAE
- **Digital Domain** – Port St. Lucie / Fort Pierce, Florida
- **Miami Children's Hospital** – Miami, Florida
- **Bluegreen Corporation** Data Center, Boca Raton, Florida
- **Republic Services** – Las Vegas, Nevada
- **Amex SSP Lab.** - Weston, Florida
- **Miami Dade Seaport** – Miami, Florida
- **TIB Bank** – Homestead, Florida
- **Caribevision Data Center** – Doral, Florida
- **Tropicana Data Center** – Fort Pierce, Florida
- **Commerce Bank** – Doral, Florida
- **Fidelity National Information Services** – Albany, New York
- **Seaboard Port of Miami** – Miami, Florida
- **Hellmann Worldwide Logistics** – Doral, Florida
- **CVS** – Vero Beach, Florida
- **WCI Data Center**, Bonita Springs Florida
- **Espíritu Santo Bank** – Wellington, Florida
- **Access Diabetics Data Center** – Pompano Beach, Florida



Markets

Industrial

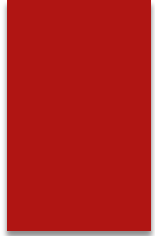


- **Pepsico** – Dominican Republic
- **ICG Industrial Laundry** – Atlanta, Georgia
- **Tampa Cargo Refrigeration** – Miami, Florida
- **Rodot Laundry** – Miami, Florida
- **Enersa** – Honduras (09-030)
- **Hotelier Industrial Laundry** – Miami Lakes, Florida
- **Hotelier Industrial Laundry** – Hialeah, Florida
- **Hilcasa** – El Salvador
- **Geotermica Lageo** – El Salvador
- **Hotelier Industrial Laundry** – Opa Locka, Florida
- **Red Stripe Brewery** – Jamaica
- **St. Vincent Brewery** – St. Vincent
- **Textufil** – Salvador
- **Color X Industrial Laundry** – Miami, Florida
- **Greenvally Cogeneration Plant** – Honduras
- **Parkdale Cogeneration Plant** – Honduras
- **Crown Linen Industrial Laundry** – Hialeah, Florida
- **Elcatex Cogeneration Plant** – Nicaragua
- **Tubrica Plastics Plant** – Venezuela
- **Montenay Wastewater Treatment Plant** – Doral, Florida





Controls



Updating your Building For The Internet of Things



DISTECH
CONTROLS™

AUTHORIZED PARTNER

INGEMEL S.A.
ENGINEERING COMPANY 



Controls

Your BMS and EMS system is only as good who is implementing it.

More than **40 years of engineering experience** allow us to truly understand your needs and offer the best **customized solution**

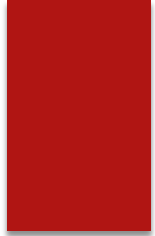
Our personnel is trained and certified in multiple vendors to provide you with **seamless integration**

Our team includes **LEED Certified, Uptime Certified & Energy Engineers** Providing **sustainable, energy and environmental optimal facilities**





Controls



Open Standards for Integration



Convergence for Reduced Costs



Connectivity – Your Choice



The Internet of Things Building



Connect from Anywhere



Improved BMS Performance

DISTECH
CONTROLS™

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ENGINEERING COMPANY





Controls

- Our systems are designed and programmed permitting **seamless integration** with all of your building systems such as fire alarm, elevators, digital signage, parking access etc. , and convergence with IT networks.
- We offer **truly open building and energy management systems**, ensuring the longstanding performance and value of your system, a sustainable solution and we ready your building for the future, with elements that support constantly evolving technology.
- Our solutions offer **REST API¹**, that facilitates data exchange and provides unique opportunities for value-added services, with the ever expanding range of available internet of things building management and **tenant services applications**

1. Representational State Transfer (**REST**) is a software architecture style consisting of guidelines and best practices for creating scalable web services.



Controls

- Our Solutions are capable of handling Bacnet, MSTP e IP, Lonworks, Modbus RTU y TCPIP, N2, and other networks. **Our designs leverage infrastructure** to deliver a powerful control and monitoring solution, **minimizing costs of installation and maintenance**
- Proposed solutions allow, connection from anywhere and any device utilizing web connections (offsite), direct IP connections or Wi-Fi Hotspot (onsite), reducing the need for onsite visits and the associated costs of time and travel, and improving responsiveness to service calls.
- Our designs are customized to Improve Performance and Increase bandwidth and speed to better handle large amounts of data, for advanced analytics and increased trend logs, optimizing your buildings.



Controls

Proposed Solutions Integrate :

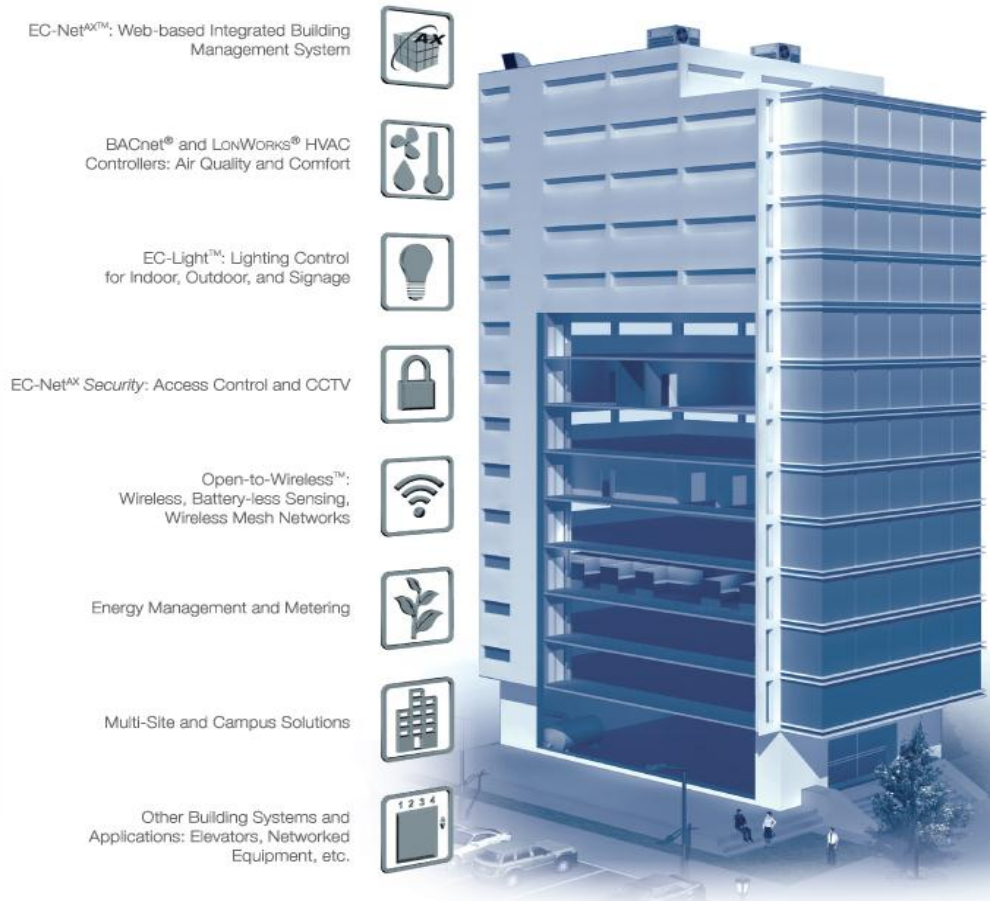
- Energy Management
- Lighting Control
- Room Control
- Access Security and CCTV
- Network Management and Data Analysis software
- Wireless instrumentation and controllers
- Ip Hardware
- Bacnet & Lonwork Controllers
- Mobile Applications
- Capability to communicate with any third party device with open standard protocols.





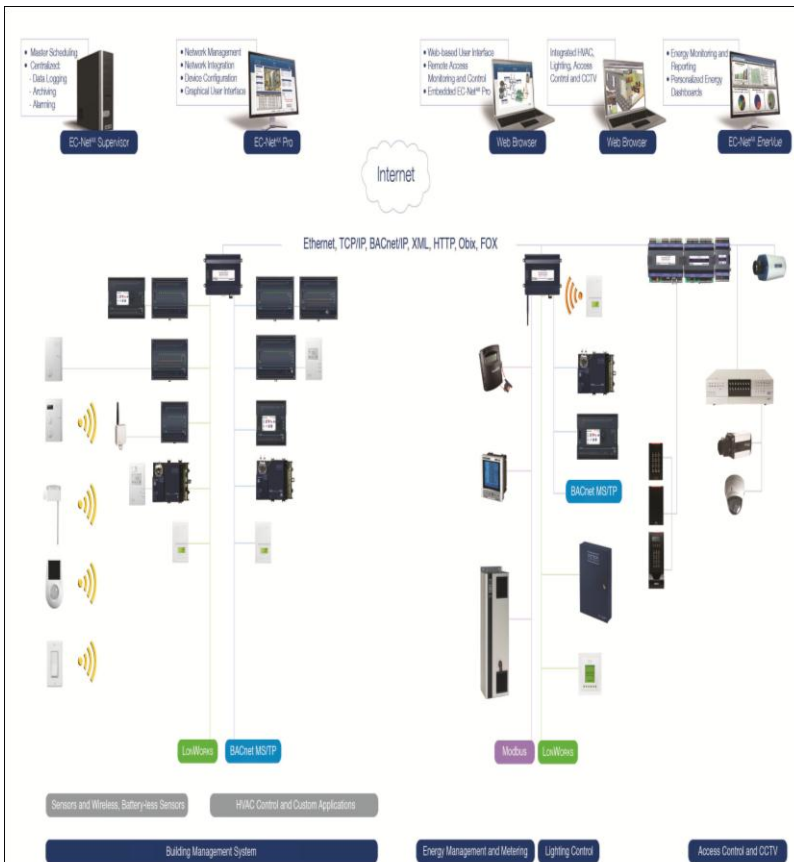
Controls

We offer empowered connectivity systems that allow implementation of advance control strategies for your “Internet of Things Building”.





Controls



One System:

- One standardized user interface software
- One programming tool

Your System:

- License is property of the customer and is open for customers use.
- Customer is provided with programming software and Apps at no cost, so he truly owns the system and can choose how to use it and who to service it.

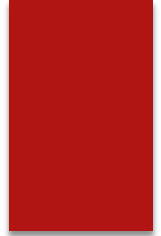


INGEMEL S.A.





Why Choose INGEMEL



- ***We Speak Your Language:***

Our Dedicated Staff members can communicate in English and Spanish.

- ***We Do It All:***

One company, one solution, all disciplines coordinated

- ***We Have The Answers:***

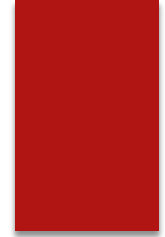
Our Engineers are well versed in all disciplines, with deep knowledge of local and international standards. Our staff continuously trains in the latest technologies available to assure sustainable high-end facilities

- ***We Provide Customized Solutions:***

We Design facilities with the perfect balance between technology, energy optimization, environmental protection and cost.



Why Choose INGEMEL



- ***We Have The Certifications:***

Our Staff includes certified professional, energy , Leed and uptime certified engineers.

- ***We Have Proven Experience, New & Repetitive Customers :***

More than 40 years experience, sustainable buildings operating, and a database of clients that includes repetitive satisfied costumers.

- ***We Will Work As Your Team:***

We can assist the customer thru out the development of the job. Our experience in the different stages, and team coordination allows us to deliver successful jobs, within budget and in the expected time frames

Exceeding Our Clients Needs And Expectations Is Every Team Member's Priority.



