



SELECTED PROJECT EXPERIENCE

Commercial Project Case Studies

Integrated technology delivery across ports, multifamily, student housing, industrial, hospitality, sports and senior living environments.

10 CASE STUDIES

20 PROJECT PAGES



A cross-market record of complete technology delivery.

Each case study documents CBN’s verified role, delivered systems, project challenge and outcome.

MAJOR PROJECTS

- 01 **Terminal 25 at Port Everglades**
Ports + Transportation
- 02 **Lapis at FIU**
Student Housing
- 03 **Tortoise One**
Multifamily + Managed Services

MULTIFAMILY + INDUSTRIAL

- 04 **Marina del Sol + Marina del Viento**
Multifamily + Managed Services
- 05 **Amazon Opa-locka**
Industrial + Public Safety
- 06 **Ansin Sports Complex**
Sports + Entertainment

HOSPITALITY

- 07 **Playa Largo Resort**
Hospitality
- 08 **Marriott Properties**
Hospitality Portfolio

SPECIALIZED ENVIRONMENTS

- 09 **YourLife + Sinai Residences**
Senior Living + Life Safety
- 10 **St. Laurent**
Property Transformation



COMMERCIAL DESIGN-BUILD CASE STUDY

Terminal 25

Port Everglades, Florida

One coordinated technology program for three operating stakeholders.

CBN worked alongside Moss Construction and Thunder Electric to translate the requirements of Port Everglades, Royal Caribbean and U.S. Customs and Border Protection into one comprehensive low-voltage and technology scope.

18

MONTH DELIVERY

3

OPERATING
STAKEHOLDERS



THE DELIVERY STORY

CBN carried the program from coordinated scope to owner turnover.

01 DEVELOP + ALIGN

Built a comprehensive low-voltage and technology scope around owner, operator, GC and electrical-contractor requirements.

02 BUILD + INTEGRATE

Provided the implementation team and coordinated field execution across the approved technology program.

03 COMMISSION + TURN OVER

Tested, commissioned and turned over the completed systems to the owners on schedule after an 18-month delivery.



THE RESULT

A coordinated, commissioned technology environment delivered on schedule.



STUDENT HOUSING TECHNOLOGY CASE STUDY

Lapis at FIU

Miami, Florida

**Six technology disciplines
delivered as one coordinated
low-voltage program.**

CBN worked with Balfour Beatty, Toll Brothers and Pomeroy Electric to design-build, implement, commission and turn over the complete technology scope.

1,032

BED DELIVERY
SCOPE

6

INTEGRATED
DISCIPLINES



THE INTEGRATED PACKAGE

One coordinated infrastructure supported the complete resident experience.

01 MANAGED INTERNET

02 ACCESS CONTROL

03 SMART LOCKS

04 VIDEO SURVEILLANCE

05 AUDIO VISUAL

06 PUBLIC-SAFETY BDA

DESIGN-BUILD THROUGH TURNOVER

CBN designed, built, implemented, commissioned and turned over the full low-voltage package—reducing fragmentation across systems that residents and property operations depend on every day.



THE RESULT

A unified technology foundation delivered for a large-scale student-housing community.



MANAGED PROPERTY TRANSFORMATION CASE STUDY

Tortoise One

West Palm Beach, Florida

CBN designed the technology foundation, created the ownership value strategy—and stayed to manage it.

Working with the ownership group and Verdex Construction, CBN delivered an integrated property platform spanning connectivity, security, access, resident systems and shared amenities.

264 RESIDENCES

1 ACCOUNTABLE TECHNOLOGY PARTNER



THE COMPLETE CBN LIFECYCLE

CBN connected ownership strategy to long-term technology operations.

- | | | |
|----|------------------|--|
| 01 | DESIGN | Infrastructure and system architecture |
| 02 | BUILD | Internet, access, gates, CCTV, AV and unit locks |
| 03 | INTEGRATE | Coordinated property-wide technology |
| 04 | MONETIZE | Ownership revenue and value strategy |
| 05 | MANAGE | Ongoing support and managed operations |



THE RESULT

A monetizable property-technology platform backed by an ongoing managed-services relationship.



MULTI-PROPERTY MANAGED COMMUNITY CASE STUDY

Marina del Sol + Marina del Viento

Sunny Isles Beach, Florida

**One integrated operating
model—applied across two
waterfront communities.**

CBN designed, built and integrated the property-technology foundation, then remained as the managed-services provider supporting both communities.

2 COMMUNITIES

1 MANAGED TECHNOLOGY MODEL



THE REPEATABLE CBN MODEL

A complete technology lifecycle—standardized across two distinct communities.

- | | | |
|----|------------------|---|
| 01 | DESIGN | Property infrastructure and system architecture |
| 02 | BUILD | Connectivity, controlled entry and resident systems |
| 03 | INTEGRATE | One coordinated property-technology platform |
| 04 | MONETIZE | Ownership revenue and long-term value strategy |
| 05 | MANAGE | Ongoing service, support and technology operations |



THE DELIVERED PLATFORM

Internet infrastructure • Access control • Garage and gate access •
CCTV • Audio visual • Unit locks



INDUSTRIAL PUBLIC-SAFETY CASE STUDY

Amazon Fulfillment Center

Opa-locka Airport • Miami-Dade County

One public-safety system had to satisfy two authorities.

CBN designed, installed, commissioned and turned over the BDA system while coordinating the requirements of Miami-Dade and the Miami Airport Authority.

2 AUTHORITIES HAVING JURISDICTION

1 ACCOUNTABLE DELIVERY TEAM



From engineering through final turnover.

The defining challenge was not only system performance—it was coordinating one BDA deployment through two separate authorities having jurisdiction.



THE RESULT

A commissioned public-safety BDA system delivered through one accountable design-build team.

**DESIGN
TO TURN OVER**



SPORTS + ENTERTAINMENT CASE STUDY

Ansin Sports Complex

Miramar, Florida

CBN carried its systems through a disrupted construction process.

The team installed the structured-cabling infrastructure and audio-visual systems, completed full commissioning, and delivered final turnover.

2 DELIVERED DISCIPLINES

1 COMPLETE COMMISSIONING + TURNOVER



The assigned scope reached full commissioning and final turnover.

Major construction setbacks changed the working conditions. CBN protected its scope, adapted its field coordination, and completed the systems under its responsibility.

STRUCTURED CABLING

Infrastructure supporting the facility's technology systems

CBN installed the structured-cabling backbone required for dependable connectivity across the complex.

Installed scope

Pathways, terminations, testing and documentation

AUDIO-VISUAL

Integrated systems for facility communication and events

CBN installed and integrated the audio-visual package within the broader construction schedule.

Completed scope

Installation, integration and system verification

COMPLETION

CBN stayed with the project through the final stage.

Full system commissioning

Final turnover of CBN's assigned systems

Closeout completed despite changing field conditions.

OUTCOME

Completed structured-cabling and AV systems, fully commissioned and turned over.



HOSPITALITY TECHNOLOGY INFRASTRUCTURE CASE STUDY

Playa Largo Resort

Key Largo, Florida

The infrastructure beneath the resort connected every technology discipline above it.

Working with Prime Group, CBN designed and built the structured-cabling backbone and underground connectivity linking buildings, cabanas, amenities and operational spaces.

14.5 BEACHFRONT
ACRES

1 RESORT-WIDE TECHNOLOGY
BACKBONE



THE INFRASTRUCTURE-FIRST APPROACH

CBN engineered one physical foundation for a distributed resort environment.

- | | | |
|----|-----------------|--|
| 01 | PLAN | Map buildings, cabanas, amenities and operational destinations |
| 02 | ENGINEER | Coordinate underground duct routes and structured-cabling pathways |
| 03 | BUILD | Install the resort-wide technology backbone |
| 04 | CONNECT | Extend reliable infrastructure to every required space |
| 05 | ENABLE | Support all low-voltage disciplines from one planned foundation |



THE RESULT

A coordinated cabling and pathway system capable of supporting the resort's complete low-voltage environment.



MULTI-PROPERTY HOSPITALITY CASE STUDY

Marriott Hospitality Portfolio

Delray Beach • Homestead • Marathon

**Consistent technology delivery
across three distinct Florida hotel
environments.**

Working with Prime Group and Pomeroy Electric, CBN delivered structured cabling, data networking and CCTV—completed on time and within budget.

3 HOTEL
PROPERTIES

3 CORE TECHNOLOGY
DISCIPLINES



DISCIPLINED DELIVERY AT PORTFOLIO SCALE

One coordinated low-voltage approach served three different hotel settings.

- | | | |
|----|----------------|--|
| 01 | ALIGN | Coordinate the owner-builder, electrical contractor and technology scope |
| 02 | BUILD | Install the structured-cabling foundation |
| 03 | CONNECT | Deploy data networking for hotel operations and guest environments |
| 04 | SECURE | Implement CCTV infrastructure and system coverage |
| 05 | DELIVER | Complete and turn over each project on schedule and within budget |



THE DELIVERED PACKAGE

Structured cabling • Data networking • CCTV

Repeatable execution across city, suburban and waterfront hospitality properties.



SENIOR LIVING + LIFE-SAFETY CASE STUDY

Technology Built for Care Environments

Sinai Residences • YourLife Communities

Two specialized delivery models protected the systems that residents and operators depend on.

CBN delivered complete structured-cabling infrastructure across the YourLife portfolio and engineered public-safety BDA plus in-building cellular coverage at Sinai Residences.

5 CARE COMMUNITIES

2 SPECIALIZED DELIVERY MODELS



TWO SCOPES. ONE STANDARD.

Dependable infrastructure for environments where communication and safety matter.



YOURLIFE COMMUNITIES

Portfolio low-voltage infrastructure

Palm Beach Gardens • Coconut Creek • Wildwood • West Melbourne

CBN served as the low-voltage contractor. At Coconut Creek, Wildwood and West Melbourne, CBN installed the complete structured-cabling backbone supporting the facilities' technology systems.

Documented portfolio disciplines: structured cabling • access control • CCTV • BDA



SINAI RESIDENCES

Wireless engineering + integration

Boca Raton, Florida

Working with Whiting-Turner and Pomeroy Electric, CBN engineered and integrated the public-safety BDA and in-building cellular systems.

Design objective: provide strong coverage for both systems throughout the building without allowing one system to compromise the other.



TECHNOLOGY CHANGES
EVERYTHING.
CONNECTED. SECURED. MANAGED.

PROPERTY TRANSFORMATION CASE STUDY

St. Laurent. Access became a property transformation.

What began as a ButterflyMX common-area access upgrade became a coordinated property technology program.

107 residential smart locks. Six coordinated elements. One accountable partner.

THE TRANSFORMATION OUTCOME

A connected, secure and manageable technology foundation built around the property's real needs.

DISCOVER

Identify the broader dependencies.

BUILD

Cabling + operational Wi-Fi.

MODERNIZE

Access, locks + video.

MANAGE

Ongoing service + support.

Technology Changes Everything. | Connected. Secured. Managed.



TECHNOLOGY CHANGES
EVERYTHING.
CONNECTED. SECURED. MANAGED.

TRANSFORMED-PROPERTY SCOPE

Six elements. One strategy.

A coordinated scope spanning infrastructure, access, security and ongoing operations.

Operational property-wide Wi-Fi supported access workflows and connected systems
—not resident internet.

RESIDENTIAL LOCKS

107

COORDINATED ELEMENTS

6

COMMON-AREA ACCESS

ButterflyMX

ACCOUNTABILITY

1 CBN partner

THE COORDINATED SCOPE

FOUNDATION + CONNECTIVITY

Structured cabling

Infrastructure built for reliable operations.

Operational property-wide Wi-Fi

Supports access workflows and connected systems.

ButterflyMX access

Modernized common-area entry.

One coordinated foundation

Designed as one property strategy.

SECURITY + OPERATIONS

107 residential smart locks

A coordinated residential access layer.

Video surveillance

Stronger property visibility.

Ongoing maintenance

Responsibility continues after installation.

Future-ready platform

A foundation for phased improvements.

THE TRANSFORMATION LESSON

COMPLETE-PROPERTY VIEW

Look beyond the immediate project.

PHASED TRANSFORMATION

Expand from need to strategy.

ONE ACCOUNTABLE PARTNER

Coordinate installation and support.

Scope clarification: St. Laurent did not include resident internet service.

START WITH A PROPERTY TECHNOLOGY ASSESSMENT

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SELECTED PROJECT EXPERIENCE

Technology Changes Everything.

CBN designs, builds, integrates and manages property technology systems across complex commercial environments.

Start with a Property Technology Assessment.

cbnsolutionsinc.com

CBN SOLUTIONS GROUP INC.

