



Control Network Solutions

OPENING NETWORK FRONTIERS

ICT & FBI Network Initial Design to Stage D for Sarasota Bayside Project



Consisting -

Four 18-storey towers housing first class hotels

1,000+ high end condominiums

2,200 parking spaces (862 Public)

140,000 square feet of retail space

Total development approximately 3,500,000 square feet

Located in the heart of downtown Sarasota, this luxury development promises to be the newest focal point of a city known for its culture and sophistication. With 1,000+ high-end condominiums and a collection of first class hotels, retailers and restaurants, Sarasota Bayside will attract a broad range of residents and tourists alike. For more details visit www.sarasotabayside.com.

CNS and its Team of ICT and FBI network design and engineering specialists have again created a 21st century fully integrated network design for this prestigious development as part of the Client side Consultant team. This work draws upon the detailed engineering development and deployment experience of CNS and its Team for ICT and Facilities and Business Integration (FBI).

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O P E N I N G N E T W O R K F R O N T I E R S

The Requirements listed below formed the basis of the Team's scope of work which was successfully completed on time.

Requirements Specification

The development consists of over 3,500,000 sq. ft. of residential, hotel, retail, office and amenity accommodation. As part of this project it is required to provide an intelligent intranet infrastructure which provides monitoring of stand alone systems such as fire alarms, lighting, BMS and other building related plant equipment and managed data services including voice, TV, radio and broadband connections. All of this will be provided from a central management suite which will have connectivity to all of the other areas in the building. In addition to this the design must include resilience so that the residents, retailers and other providers have the option of purchasing this at an additional cost.

CNS's Team will provide the specification for the following elements of the project.

- Provide specifications for equipment to provide services for :
 1. Telephony
 2. TV / Video (with a choice of providers)
 3. Radio
 4. Door Entry
 5. Interface with air conditioning
 6. Broadband
 7. Internal Web server for Sarasota web site.
 8. Security and Site Monitoring Systems
 9. Schematic drawing of the location of equipment
 10. Location of servers / network equipment.
 11. Provide specifications for all of the equipment according to National and State Regulations.
 12. Allow full and seamless integration of all building systems with each other
 13. Include an environment for data to be seamlessly shared between building sub-systems and client side business/enterprise applications



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- Provide specification for cabling for all services including :
 1. Size of cables and tray work / trunking required
 2. Location and space required for all cable runs.
 3. Schematic drawings for the cable runs
 4. Provide rating information for the cabling and ensure it meets National and State Regulations.
- Provide 25% excess capacity for future requirements and fibre is to be cabled into each apartment and business space.
- Provide information in WT10 format

This is the most recent piece of work in a growing recognition of the CNS Team's unique skills in design, development and delivery of information infrastructure, both hardware and software, to seamlessly allow integration of any intelligent building system. It also enables the delivery of value data from these systems into the client side business/enterprise environment and for intelligent building systems to access additional important business data in order that better and more sophisticated control strategies can be created in real-time.

For more information on how this Team can deliver your 21st century expectations in M2M, Convergent Technologies, CCRE, contact Mike Welch on +44(0)1256 818700, email mike@control-network-solutions.co.uk or visit our website at www.control-network-solutions.co.uk .