City Wide Wireless Network for Cameras and Wifi

COMPANY: City of Miami Beach

START DATE: 2014

END DATE: Current project

PROJECT VALUE: $500K+

NOTES: City Wide Wireless Camera and WiFi Network

PROJECT OVERVIEW

Design and deployment for City of Miami Beach for Wireless Camera, LPR and WIFi network including monitoring and operation. Deployed 5 core locations for backhaul and microwave supporting WiFi technology at the city poles for citywide camera and WiFi connectivity throughout the beach with over 450 mesh radios. Over 50 cameras and license plate readers on the poles in the city and a redundant ring microwave network that connects all the sites with Cisco as the core routing technology.

BIG Wireless monitors the network24/7/365.

REFERENCES

PROJECT MANAGER

Tom Moran, *Calvert County IT Mgr*
thomas.moran@calvertcountymd.gov

City Wide WIFI and Camera Deployment

COMPANY: City of Altoona

START DATE: 2014

END DATE: 2016

PROJECT VALUE: $2million+

NOTES: Current network NOC and maintenance client

PROJECT OVERVIEW

Design and deployment Motorola Mesh Network throughout the City with a Ceragon Licensed backbone ring and Cambium PTMP radios to provide backhaul to the mesh network. NOC Monitoring and support of entire network with annual maintenance.

REFERENCES

PROJECT MANAGER

Victor Kurfman, *City of Altoona*
vkurfman@altoonapa.gov

Outdoor WIFI-Pinewood Forest Planned Community - Atlanta, GA

COMPANY: Comcast

START DATE: 2018

END DATE: Current project

PROJECT VALUE: $1 million+

NOTES: Customized outdoor bollards, landscaping and stealthing – 7 Phases

PROJECT OVERVIEW

Design, deployment and NOC Maintenance services for a WiFi network at the elite master planned community of Pinewood Forest in Atlanta GA. With a seven phase deployment of outdoor WiFi, stealthed in outdoor custom bollards and mounted on light poles the network services over 150 acres of community amenities and provides vital network access to the elite residents of the community.

REFERENCES

PROJECT MANAGER

Matthew Zielenbach, *Comcast*
matthew_zielenbach@comcast.com

Photo Source: Photos: South of Atlanta, a new town tied to Georgia's TV and film industry is rising - Curbed Atlanta

Licensed Microwave Backhaul & Point to Multipoint Distribution

COMPANY: Calvert County

START DATE: 2018

END DATE: Current project

PROJECT VALUE: $500K+

NOTES: Total network refresh, monitoring and maintenance.

PROJECT OVERVIEW

Replacing legacy 150Mbps backhaul that runs through center of county. Installation of a new 1Gbps licensed microwave backhaul and complete RAD multipoint distribution refresh connectivity throughout county to connect county owned buildings and assets.

Provide 5 years of operational preventative maintenance, field maintenance and NOC and TAC services for the entire network. Project maintenance end enhancement is ongoing.

REFERENCES

PROJECT MANAGER

Tom Moran, *Calvert County IT Mgr*
thomas.moran@calvertcountymd.gov

Outdoor and Indoor WiFi Design, Deployment and NOC Services

COMPANY: Comcast

START DATE: 2010

END DATE: Current project

PROJECT VALUE: $8 million+

NOTES: Primary Vendor for all Comcast WiFi & Wireless initiatives

PROJECT OVERVIEW

Design, deployment and NOC Maintenance services for over 100K Outdoor WiFi sites, stadiums, transit centers, malls, MDUs and other public for Xfinity WiFi deployments. Design and support services for all Xfinity WiFi network needs for the entire Comcast nationwide footprint and provide NOC Monitoring end field support for over 10K devices in over 60 different core locations. Integration into high end Cisco Networking infrastructure and large scale WAGs across the US.

REFERENCES

PROJECT MANAGER

Matthew Zielenbach, *Comcast*
matthew_zielenbach@comcast.com

PA State Police, Fish and Boat Commission, DCNR and PA Turnpike

COMPANY: State of Pennsylvania

START DATE: 2018

END DATE: Current project

PROJECT VALUE: $600K+

NOTES: 4.9Ghz last mile connectivity, gate and digital signage connectivity

PROJECT OVERVIEW

Design and deployment for The State of PA utilizing the Radwin 2000 platform for last mile connectivity to over 100 locations to provide bandwidth to remote police barracks and state owned buildings. The PA Turnpike commission uses the Radwin 5000 platform at 4.9Ghz to provide connectivity for gate control, digital signs and IP Camera connections.

BIG Wireless monitors these networks 24/7/365.

REFERENCES

PROJECT MANAGER

Frank Yoder
fryoder@pa.gov

Philadelphia Papal Visit Outdoor WiFi

COMPANY: Comcast Xfinity

START DATE: 2015

END DATE: 2015

PROJECT VALUE: $500K+

NOTES: Case Study

PROJECT OVERVIEW

Design and deployment of a 248 WiFi Access Point system to facilitate outdoor WiFi access for over 1 Million visitors in the City of Philadelphia for the 2015 Papel visits. Mounted on custom jumbo trons the WiFi Network carries over 4 million user sessions in a span of 1 week and provided the vital client WiFi access for visitors from all over the globe.

REFERENCES

PROJECT MANAGER

Matthew Zielenbach, *Comcast*
matthew_zielenbach@comcast.com

Morey's Piers Amusement Park Outdoor WiFi and Verizon Combo

COMPANY: Morey's Piers

START DATE: 2018

END DATE: Current project

PROJECT VALUE: $1 million+

NOTES: Case Study

PROJECT OVERVIEW

Design, deployment and NOC Maintenance services for the amusement parks that span 18 acres and 3 boardwalks using Cisco's combination WiFi/Cellular Access Points with Purple User Analytics.

REFERENCES

PROJECT MANAGER

Sandy Verzella, *Morey's Piers*
sandy.verzella@moreyspiers.com

Wimax & Microwave AMI/DA Deployment & Maintenance

COMPANY: PECO/Exelon

START DATE: 2013

END DATE: Current project

PROJECT VALUE: $4 million+

NOTES: Currently maintaining and monitoring the entire network.

PROJECT OVERVIEW

Design, deployment and maintenance of the Microwave (Nokia 7705) and Wimax (Seimens Ruggedcom) network throughout the entire Peco/Exelon territory to support DA and AMI operations. The project consisted of the design and deployment of 26 sites of Wimax (4) sector base stations, 32 Microwave links, 14 repeater sites and 150 Wimax Subcribers to backhaul the Sensus AMI/DA collectors. Deployment of Nokia 7705 MPLS through the entire network and integration into GE JungleMux infrastructure.

Provide 5 years of operational preventative maintenance, field maintenance and NOC and TAC services for the entire network. Project maintenance end enhancement is still ongoing.

REFERENCES

PROJECT MANAGER

Patrick Flaherty, *PECO/Exelon*
patrick.flaherty@exeloncorp.com

VENDOR PM

John Robb, *Nokia*
john.w.robb@nokia.com

CBRS for Remote Workforce, Wind Farms - Nokia

COMPANY: Nexterra Energy

START DATE: 2020

END DATE: Current project

PROJECT VALUE: $300K+

NOTES: 100 wind farms planned

PROJECT OVERVIEW

Design and deployment of Nokia CBRS for remote worker connectivity at windfarms utilizing Cradlepoint Mobile CBRS to WiFi Radios. Each windfarm is approximately 17 square miles. Provide NOC and support services for deployed sites. CBRS radios mounted on the top of 270ft wind turbines provide the core data and voice services to the entire wind farm field maintenance and support staff.

REFERENCES

PROJECT MANAGER

Dennis Gullo, *Nexterra Energy*
dennis.gullo@fpl.com

Wimax & Microwave AMI/DA Deployment & Maintenance

COMPANY: Pepco Holdings, Inc. (PHI)

START DATE: 2013

END DATE: 2016

PROJECT VALUE: $1-2 million

PROJECT OVERVIEW

Design, deployment and maintenance of the Microwave (Nokia 7705) and Wimax (Seimens Ruggedcom) network throughout the entire PHI New Jersey and Delaware territory to support DA and AMI operations. The project consisted of the design and deployment of 20 sites of Wimax (4) sector base stations and 4 Microwave links to backhaul the Silver Springs AMI/DA collectors. Deployment of Nokia 7705 MPLS through the entire network.

REFERENCES

PROJECT MANAGER

Brian Grebis, *PHI*
brian.grebis@exeloncorp.com

VENDOR PM

John Robb, *Nokia*
john.w.robb@nokia.com