

Documenting Physical Connectivity: Building Systems, Network and Power Cabling



Joel deNeuf, Principal
Five Points Infrastructure Services



2018 BICSI Fall Conference & Exhibition



Bicsi

Session Agenda

- Speakers Introduction
- Audience Poll
- Selection Process
- Implementation
- Operation and Use
- Q&A



Five Points
Infrastructure Services



2018 BICSI Fall Conference & Exhibition



Bicsi

Joel deNeuf
Senior Consultant for Five
Points Infrastructure Services



Mr. Joel deNeuf is a Senior Consultant for Five Points Infrastructure Services, LLC (FPIS), based in Atlanta, Georgia. DeNeuf has been a technical consultant for over 15 years specializing in IT documentation, and has led numerous implementations of both connectivity management and DCIM software applications. His projects have covered most market segments such as financial, government, education, and communications. Prior to his telecom career, deNeuf was as an engineer in the manufacturing sector in both process and design, where he generated numerous patents and publications. DeNeuf earned a BSEE from Penn State University, and has been an RCDD since 2000.



2018 BICSI Fall Conference & Exhibition



Shane Hawkins
Area Manager
AT&T Labs



Mr. Shane Hawkins is an area manager for AT&T Labs. His 30 years of IT experience spans working on multiple installations, upgrades and manufacture swap outs. Hawkins range of expertise includes AMPS, 4G LTE, and twisted pair to fiber. Additionally, he has been responsible for physical layer installations, and creating local design modifications in the labs, then providing accurate as built data. Prior to AT&T labs, Hawkins worked for General Dynamics, where he was in charge of the installation of physical layer equipment in data centers, and cell sites, including ensuring that “As Built” data was correct.

Dustin Miertschin
Senior IT Supervisor
Austin-Bergstrom Airport



Mr. Dustin Miertschin, a Senior IT Supervisor for the City of Austin, Texas, has 18 years of IT and Structured Cabling experience. Miertschin currently manages the Service Desk and Networking teams for Austin-Bergstrom International Airport (ABIA) and is responsible for the design and maintenance of the ABIA telecommunications infrastructure. Miertschin earned his BSCS from the University of Texas in 2006 and has been an RCDD since 2015.



2018 BICSI Fall Conference & Exhibition



Gordon Power
Senior Data Center Engineer
Intercontinental Exchange /
New York Stock Exchange



Mr. Gordon Power is a Senior Data Center Engineer for Intercontinental Exchange (ICE | NYSE) based in Chicago, IL. Power helped to implement the current PATCH MANAGER, B.V. installation, which is used globally by all facets of the organization. He is certified on most cable, connectivity, and tester manufacturers' products in the industry. Prior to ICE/NYSE, Power worked for 28 years for an electrical contractor in the Chicago area as a technician, foreman, project manager, CAD engineer, and helped install and maintain a software cable management system for the former Chicago Board of Trade. Power has been an RCDD since 1997.

Poll 1

Who is in the Audience?

1. Data center
2. OSP Infrastructure
3. Office Space
4. Low voltage cabling
5. Power Cabling



Five Points
Infrastructure Services



2018 BICSI Fall Conference & Exhibition



Bicsi

Poll 2

How do you currently manage connectivity?

1. Not at all
2. Spreadsheets and drawings
3. Home grown database
4. Third party application



Five Points
Infrastructure Services



2018 BICSI Fall Conference & Exhibition



Bicsi

Poll 3

How are you looking to improve the documentation

1. Auditing
2. New application
3. Improving processes



Five Points
Infrastructure Services



2018 BICSI Fall Conference & Exhibition



Bicsi

Selection Process



2018 BICSI Fall Conference & Exhibition



Topic 1

Why did you choose an application to document connectivity?



2018 BICSI Fall Conference & Exhibition



Topic 2

What connectivity details would you suggest documenting?



2018 BICSI Fall Conference & Exhibition



Bicsi

Topic 3

What licensing challenges were presented in the selection process?



2018 BICSI Fall Conference & Exhibition



Bicsi

Topic 4

Did security requirements have an impact on the selection process?



2018 BICSI Fall Conference & Exhibition



Implementation



2018 BICSI Fall Conference & Exhibition



Topic 5

What was in scope and why?



2018 BICSI Fall Conference & Exhibition



Bicsi

Topic 6

Describe your implementation



2018 BICSI Fall Conference & Exhibition



Topic 7

Describe the source(s) of the data?



2018 BICSI Fall Conference & Exhibition



Topic 8

Was training part of the implementation and if so, how?



2018 BICSI Fall Conference & Exhibition



Bicsi

Break



2018 BICSI Fall Conference & Exhibition



Operation and Use



2018 BICSI Fall Conference & Exhibition



Topic 9

Describe the users of the application and their roles?



2018 BICSI Fall Conference & Exhibition



Bicsi

Topic 10

Did implementation of the application change your organizations processes and if so, how?



Five Points
Infrastructure Services



2018 BICSI Fall Conference & Exhibition



Bicsi

Topic 11

Describe how your organization uses the application data



2018 BICSI Fall Conference & Exhibition



Topic 12

Describe any integrations, either completed or planned for the future



2018 BICSI Fall Conference & Exhibition



Bicsi

Q & A



2018 BICSI Fall Conference & Exhibition



Thank you

Shane Hawkins

joel.deneuf@fivepointsservices.com

Joel deNeuf

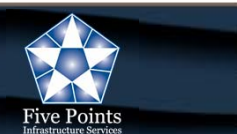
joel.deneuf@fivepointsservices.com

Dustin Miertschin

dustin.miertschin@austintexas.gov

Gordon Power

gordon.power@theice.com



2018 BICSI Fall Conference & Exhibition

