Business as Usual

(Don’t take a walk on the risky side – SC infrastructure)

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Agenda

(intro)
- BICSI quick facts (death by power point - DPP) – 5“

(main) – 10“
- Why BaU
- Life and Services of the 21st Century
- Quality of Project & Delivery
- Risk & Solution
IMPORTANT NOTICE

PRESENTATION GOAL IS THE FINAL CALL FOR RAISING AWARENES ABOUT THE CABLING INFRASTRUCTURE FOR 22st CENTURY

- AWAKENING UP -
BICSI – quick facts

- Building Industry Consultants Services International
- 1977 by Harry and Larry (first start 1973)
- USA
- Non for profit
- 23000
- Raison d’etre – EDUCATION
- Purpose: Support to „MASONS“ – Construction Companies
- Reason: finding a way to collaborate and avoid RISK on the project – finding the right solutions (IMPLEMENTATIONS CHALANGES)
- Result: Creation of the STANDARDS based on best practices
- 1999 ANSI accredited
BICSI audience:

- Architects and Consultants
- Audio-Video (AV) professionals
- BICSI credential holders
- Broadband providers
- SCS Installers and Technicians
- Construction engineers
- ICT managers and Directors
- ICT System Integrators
- Data Center designers and engineers
- FS designers and engineers
- End Users
- Building Owners and Managers
- Main Contractors
- ITS design consultants
- Network designers and admins
- Access network engineers
- Project Managers
- Sales Engineers
- Wireless/Digital Professionals
What BICSI offers to ICT Professionals?

• Tech knowledge
  • Internationally adopted Standards
  • Technical issues – magazines, best practice advices, manuals

• Professional development
  • Internationally recognized titles and certification program
  • ICT trainings – design, installation and project management

• Connection to other Networking Communities
  • Educational Conferences and Exhibitions
  • Connection to professional networks
BICSİ ICT SEGMENTS

- Business and residential SCS infrastructure
- Data Centers
- Smart Buildings
- OSP
- Safety and Security
- BIM
- DAS
- WiFi systems
- Network infrastructure
- Telecommunication Project Management
- Installation and verification of the Project
Data Center Design Consultant

www.bicsi.org/credentialing
BICSI program for Installers

www.bicsi.org/installation
International Partnerships

www.bicsi.org/partners
**BICSI ICT STANDARDS**

**IEEE**
Message appearance and structure and transmission characteristics

**ISO/IEC & TIA**
Defining media and system requirements for transmission

**BICSI**
Defines how to do proper design using defined parameters of transmission and medium
ANSI/BICSI Standards

• Buildings
  – K12 / Educational Facilities (001)
  – Data Centers (002)
  – Hospitals (004)
  – **Smart Buildings (007)**

NEW

• Systems
  – ESS (005)
  – DAS (006)

• Installation
  – Cabling (NECA/BICSI 568)
  – Bonding and Grounding (NECA/BICSI 607)

• Rest
  – BIM for ICT (003)

Standards are „royalty free“

www.bicsi.org/standards
BICSI Standards Range
Conferences and Exhibitions
  Tech presentations, competitions and „networking“

Breakfast Clubs“
  Tech presentations and tech talks over the breakfast

Pub Clubs“
  Tech presentations and tech talks over beverages

Eminars
  Technical presentations at the organizers place
Why BaU

"LIFE OVER IP"
ALL DATA, UP TO THE "CLOUDS" AND BACK, MUST GO THROUGH THE CABLE
Life & Services of a 21st Century

Contactless payment
Fintech
Online shopping
Delivery by drones (Future of the distribution system)
PoE+(+++)
100/200W over 4PPoE – IEEE 802.3bt
Autonomous vehicles
VR Smart
Cities
HDBaseT
LED Lighting over PoE
QUALITY OF A PROJECT IMPLEMENTATION

- Quality
- Budget
- Technical knowledge
- Workforce skills
- Implementation
- Dynamic plan
- Sync plan
- PM
- Workforce skills

CLOSING THE PROJECT
RISK – Cause & Consequences

Short sight and denial of "WHAT IF" Scenarios

(UN)TRUST – Customer – Designer – Integrator

DENIAL Phase (CONSULTANT IS SCARING ME; IT WOULD NEVER HAPPEND)

SUSPITION Phase (I FIGURED HIM OUT, HE WANTS TO RIP ME OFF)

DEFENSE Phase (IT'S JUST THEORY)

TAKE OVER Phase (I KNOW THIS BETTER THAN HIM, THESE ARE JUST CABLES LIKE ALL THE REST)

DOWNGRADE phase (YOU NEED TO LOWER THE PRICE, WE DON'T NEED THE "SPACE"
This is not the SOLUTION
How to avoid it
SOLUTION

Regulations

Standards

Compliance
Otherwise... SCS Horror
And what about the hidden space - Plenum
Even in the „DCs“
Why can't we all be responsible...
This is way we have to be responsible
Advice

KEEP CALM AND Continue Business as usual
What you need to know

Professional advancement – knowledge and career

For individuals and/or Companies

Advancing the quality of SCS and infrastructure through education and specialization

International Association of a great range
Stay tunned

www.facebook.com/bicsi
www.twitter.com/bicsi
www.linkedin.com
www.youtube.com/bicsi2008
Invitation to
17 BICSI Mainland Europe Conference

Rome - 24th October 2017
HOTEL CROWNE PLAZA - St. Peter's
Mainland Europe Conference and Exhibition
Thank you!

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