Incomplete Cx: A Life & Death Issue

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WHO IS SCOTT MCCHESENEY?

Training

• Federal Law Enforcement Training Center
• Sociological Aspects of Criminology
• Sociology of Deviance
• FEMA Emergency Planning
• FEMA Retail Security Awareness
• FEMA Workplace Security Awareness
• ALICE Instructor

Certifications:

• Certified Homeland Security (CHS)
• Crime Prevention Through Environmental Design (CPTED)
• CommScope Security Design and Engineering
NOTABLE EXPERIENCE

Israel-Threat Risk Assessment Multiple Site Locations
DHS/Federal Police-San Ysidro Land Port of Entry
DHS-New York City
Kemper Development
CDC
DEA-Narco Storage
University Medical Center at Princeton
University of Oregon Football Stadium
Georgia Department of Corrections
Kankakee School District
City of Redmond Water District
A LITTLE HOUSEKEEPING

Voting URL:
http://specxglobal.participoll.com

Ground Rules:
“Facts Don’t Have Feelings”
GETTING YOU LOGGED IN

Log on and vote (http://specxglobal.participoll.com)

What is the best movie of all time?
A. Cool Hand Luke
B. Goonies
C. Dazed and Confused
D. Top Gun
Our industry is so focused on technology solving our security problems, that we are (unintentionally) delivering unsafe environments to our customers.
WE ARE ALL IN THIS TOGETHER

Log on and vote (http://specxglobal.participoll.com)

In your experience, is design and security Cx often incomplete on a project?
A. Yes
B. No
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If yes, then what is the primary cause of the ongoing issues?
A. Availability of training?
B. Lack of resources?
C. Lack of understanding of the industry?
D. I answered ‘no’ on previous question
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If no, why do you think active killer event deaths have increased in the same time that we have increased the deployment of technology?

A. Selection of the wrong products?
B. Lack of money?
C. Hiring the wrong consultant?
D. I answered ‘Yes’ on previous question
DIGGING INTO WHY

Five Major Issues

• Manufacturers
• Integrators
• Owners & End Users
• Consultants & Designers
• Perceptions of Media & Film
WE ARE ALL IN THIS TOGETHER

What is the average response time for police to respond to an emergency event?

A. 3 Min
B. 5 Min
C. 9 Min
D. 11 Plus

- Best 9 min
- Worst 12 min
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What is the average length of an Active Shooter Event

A. 2 Min
B. 6 Min
C. 9 Min
D. 11 Plus

FBI-DHS

- 69% of incidents last less than 5 minutes
- Of that 69%, 39% end in less than 2 minutes
DIGGING INTO WHY

• Manufacturers
  o Dictating the industry
  o Focused on selling equipment
  o Co-opted terms engineer and consultant
  o Use consultant and designer as extended sales staff
  o Misleading Marketing
DIGGING INTO WHY

• Integrators
  - Offer “design” and “Cx” services for “free”
  - Priority is selling equipment
  - Co-opted terms engineer and consultant
  - Limited experience beyond electronic security
  - Design build popularity
  - Giving a false sense of security
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Who has received the most compressive training in physical security.

A. College-EE, Architect, Criminal Justice
B. RCDD
C. CPP-PSP
D. SRO
DIGGING INTO WHY

• Owners & End Users
  o They don't understand who has what experience
  o Misunderstanding of how equipment actually works.
  o Often targeted by manufacturer sales hype.
  o Don’t have experience in all levels of security.
  o Google
  o Don’t understand the industry and value a consultants bring.
  o Have been treated poorly by design firms.
  o Protecting against potential law suits

https://bulletins.psu.edu/undergraduate/colleges/abington/criminal-justice-bs/#programrequirementstext
DIGGING INTO WHY

• Consultants & Designers
  o Limited Training
  o Driven by hours
  o Add on scope
  o Not recognizing the specialty requirements
  o Advertising experience that has left the firm
  o Protecting budgets
  o Giving a false sense of security

https://eecs.berkeley.edu/resources/undergrads/degree-reqs-lowerdiv
DIGGING INTO WHY

• Media & Film
  o Showing functionality that is not available
  o Platform for misleading information
  o Reporting inaccurate information
A ROADMAP TO SAFER RESULTS

• We have to accept what we can and cannot do as a company and individuals
• Find the right training: what is the right training and by who?
• Offer solutions that compliment tech
• Make tech the last part of your design/work flow
• Reset client expectations
Case Study
Case Study

KHOBAR TOWERS BOMBING
JUNE 25, 1996
KHOBAR, SAUDI ARABIA

Building 129
Building 130
Building 131
Building 132
Building 133
Garage

blast
damage

Fence and row of concrete barriers

105 feet

8th St.
31st St.
Case Study

5-10: Location of bomb (Osteraas, 2006)
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