

DEDICATED TO HELPING BUSINESS ACHIEVE ITS HIGHEST GOALS.



# Cyber Security Basics

Friday, February 10 | 10:15 a.m. – 11:30 a.m.

PRESENTED BY:

John Zban

**SCHEDULERS &  
DISPATCHERS CONFERENCE**

February 7-10, 2017 | Fort Worth, TX

# John Zban



- MCSA, MCSE, CCNA, CET, AeroIT
  - CIO, Satcom Direct
  - 25 years in IT
  - 12 years with Satcom Direct
  - Aircraft Network Support
  - Aircraft Network Security
  - Aircraft Network Engineering
  - Development and Deployment of Value Added Services, Products and Terrestrial Infrastructure

# Cyber Security

## The Conundrum

- Where's my Guarantee?
- Why can't I make the Fence high enough?
- How do you stop a zero-day exploit?
- What do you mean I can't stop them?



# What Can IT Do?

- Evaluate risk
- Determine the level of acceptable risk
- Mitigate existing risk
- Evaluate again
- Accept the risk when it is low enough
- Proceduralize and deploy



# Risk Evaluation 101

## Driving to the Store

- What are you driving?
- Freeway or twisty country roads?
- Distance?
- Weather, road conditions?



# Risk Evaluation

## Option #1





# Risk Evaluation

## Option #2



# Risk Evaluation

## Option #2





# What is at Stake?

## Information is Power

- Personal Information
- CC Information
- Corporate Data, Intellectual Property
- Sensitive Market Data, Aircraft Location Data, Passenger Data, Medical Information



# The “Basics”

## Awareness

- Hardware
- Connectivity
- Cyber Security Behavior
- Procedures



# Hardware

## Laptop-Tablet-Phone

- Maintain control of your hardware
- Control access to your hardware (spouse/children/strangers, etc.)
- Storage, method and location
- Loss of hardware, report immediately



# Connectivity

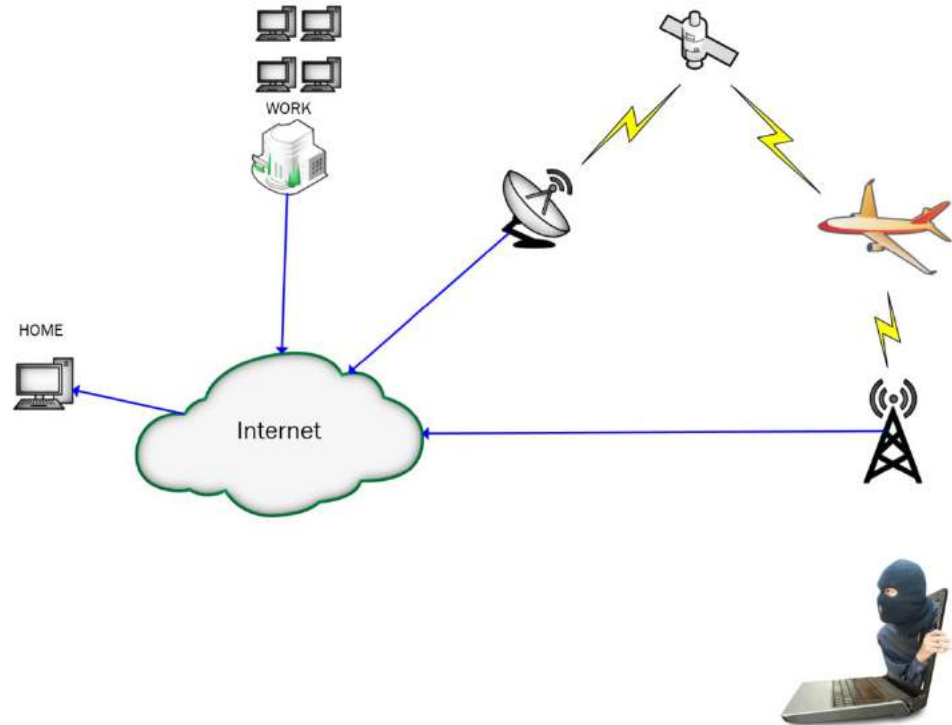
## Office, Home, Hot Spot, Satellite

- Know what you are connecting to
- Connect only using secure methods
- Be aware of 'Free Wi-Fi'
- Be aware of regional limitations



# Connectivity

- Home, through ISP
- Work, through IT
- Aircraft, Multiple
- Forced Routing
- Regional



# Cyber Security Behavior

## Who, What, Where?

- Think about what you post (Work and Home)
- Never use a 'found' USB drive
- Do I know who sent this to me? Always hover!
- Social Media, Social Media, Social Media
- Do I need to use MY name?





# Procedures

## Corporate IT

- What are your procedures?
- Annual Corporate Info Sec courses
- Best Practices from Corporate IT
- Unusual Situation? Ask IT!



Questions?

Thank You!

