



Port of Seattle Cyber Attack

A LARGE DOSE OF REALITY

BRIAN SWEET, PE., CCM

DIRECTOR ENGINEERING – CONSTRUCTION MANAGEMENT

What Happened

August 23rd/34th Port systems were hit by a ransomware attack.

Criminals wanted \$6M in Bitcoin

Port did not pay

Recovery started and is still underway

Port wide Impacts

OVER 140 systems
used through out
the Port were
shutdown

No MS Office 365
(includes email!)

Payroll – How do you
pay staff with no
Payroll system

- Payroll now just restored

Time Keeping

Accounts
Payable

No Internet

No Web Site

- No Internal or
External web site

Construction Management Impacts



Weekly Meetings unavailable early



Document Management System - Still down

Work Arounds for:

- RFI's, Submittals, Meeting Minutes, etc.



Change Order Management System – Still down



Monthly Payments – Alternate system in place

Week One: 5 payments made – normally 500-700 each week



Electronic Payroll Data – Still down



Internal Reporting Systems – Still down

Recommendations & Lessons Learned

HAVE A PLAN!

- Inside or Outside the firewall
 - Outside or Cloud based data and back ups when possible
- Alternate email accounts (Gmail)
- Accounts Payable System
 - Vendor Payments & Payroll
- Document Management
- Communication
 - Alternate to MS Teams
 - Hard copies of phone lists/Keep phone contacts up to date on your phone

Alternate Systems We Utilized

FreeConference Call.com

Mural.com

- Project information and phone numbers

BlueBeam

- RFI review
- Submittals
- Change Orders

Gmail accounts

Consultant/Contractor hosted
temporary systems

File Transfers

BlueBeam

Drop Box

Consultant systems

SharePoint

Document Management

BlueBeam

- RFI
- Submittals
- Change Orders

Office 365

- Word Templates – Keep on a back up system
- Spreadsheets – Trend/CO tracking

Cor360

- Contractor/Consultant Payments and Prioritizing

Personnel Management

Time Keeping

- Spreadsheet
- Bi-weekly Accumulation

Hiring

- Access to HR Hiring system
- New/Existing Requests

Badging for new/expiring employees

Personal Data and how to respond staff

Hardware Issues

Computers become bricks

Printing

Cell Phones

- Download contacts
- Hard copies of phone numbers
(print it)

Laptops

iPads

Questions?