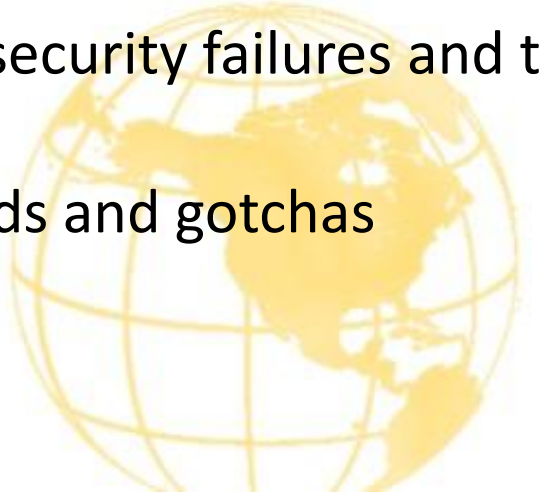
Security in PBS - Backups

Agenda:

- Introduction
- Client stories about security failures and their consequences
- Discussion of methods and gotchas
- Wrap up story



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Client Story – Ian’s stories

- PBS Manufacturing user caught in a tight spot.
- Made worse by lack of preparedness.

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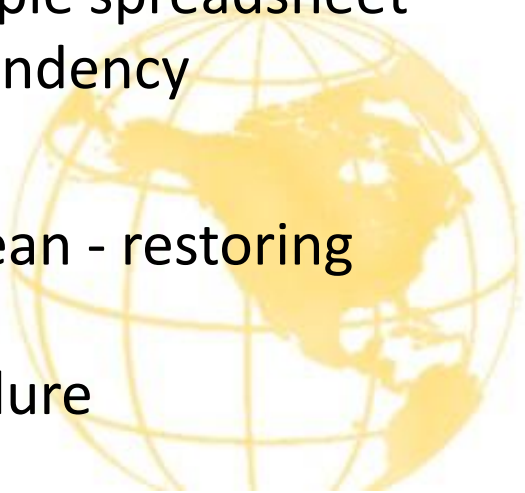
Why am I doing this ?

- Locked doors – seems obvious but …..

- Accounting systems are different
  - This not just your simple spreadsheet
  - Critical business dependency

- What does protection mean - restoring
  - Ransomware attack
  - Massive hardware failure

  - Coverage for small errors of deletion, addition, editing



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Discussion of Backups

Considerations:

- What kind? (complete, incremental)
- Cycle time? (daily, weekly, monthly)
- To where? (to local/network hard drive, to offsite storage, to cloud)
- Amount of data to backup and time to complete and post backup reporting
- What software? (free software may not be the best long term – features)

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Discussion of Backups

- How to choose
  - Take advice BUT before you do, think about and get an idea of what you need – not from a technical point of view but from *a business point of view*.
  - What can you afford?
  - Make it REAL: Ask yourself: If my server hard drive crashes while listening to this webinar – how long can I afford to have my top three business functions completely stopped?
    - Half a day?
    - 2 days?
    - A week?
- *Then,* have a frank conversation with your tech team or trusted advisor about your concerns and what the options are. Please don't let them be casual – "Oh yeah, we do this all the time – leave it with us." *Don't.*

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After it is installed

- Keep in mind that even if the software is not yours, the process IS, and it is an integral part of your business.
- Are you out of the woods when you get the backups working?
  No – never. Your ongoing vigilance amounts to the tech equivalent of doing accounting reconciliations each month as part of the closing.
- Vigilance is terribly important. Options e.g.:
  - Do restores periodically to prove the backup is good i.e., that the restored backup actually works! – Maybe quarterly...
  - Have a scheduled review with tech support for them to prove the system is working.
  - Make sure the backup system has reporting capabilities and possibly emails on the success of the backups. Review these regularly

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After it is installed (continued)

In addition to the above, consider having an alternate backup on different media *and* that is taken off the premises. The choices should be discussed with your tech team but, for example, a 1 Terabyte thumb drive that you manually backup to weekly and then take home is relatively inexpensive and gives that extra measure of protection.

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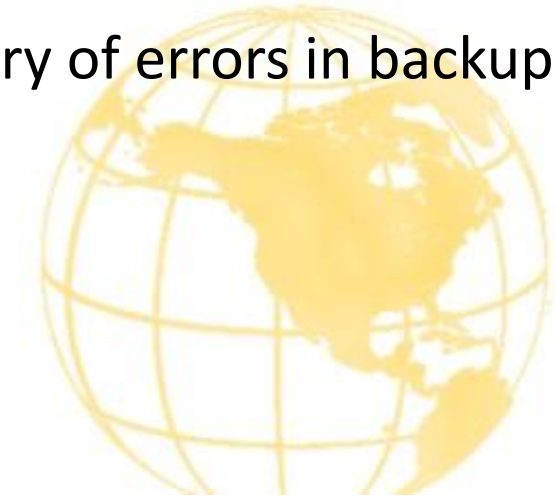
Client Stories – Peter's story

A double hit:

- Ransom wear attack
- Followed by discovery of errors in backup.



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A follow-up:

The genesis of this webinar and our concerns about importance of data preservation have motivated us to do something about it:

- ✓ Passport will be announcing a cloud-based backup system.
- ✓ The product is in testing, but detailed specifications and pricing are not available yet.
- ✓ We expect to have it ready sometime toward the end of the year. Stay posted!

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Need some help?

Contact your Passport Partner!

Or call us at:

800-969-7900 Ext. 103

psi@pass-port.com

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