

# Pandemic – An IT Infrastructure Perspective

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# Disaster Management

- Analyze, Plan, Test, Audit, Rinse, Repeat
- Identify - Manage - Disengage
- Communication and Information are foundational resources in a crisis.
- Preparation is knowing what you absolutely have to have and ensuring that you can get it. In IT, this means no single points of failure.

# The Crystal Ball

- Don't plan for a specific scenarios.
- Predict how long in place emergency infrastructure can be maintained.
- Identify what HAS to be maintained in an emergency state and build around it.
  - Communications service and dependencies

# Automation?

- Staffing – asking the hard questions.
- Relying on infrastructure.
- Identifying your processes for continued long term support.
- Documenting elements that you may not be able rely on.

# Contingency and Recovery

- Plan for the unexpected.
- Know the limits of your planning.
- Think out your communications ahead of time.
- Protect your people above all else.
- Getting back to routine

# Resources

- NIST 800 34: Contingency Planning Guide
- *Disaster Recovery Planning: Strategies for Protecting Critical Information Resources*, Tiogo, John.
- *Disaster Recovery Testing*, Rothstein