

IT Infrastructure Agility

Marjan Pouran

MBA, BEng, CAL, CSP

Prague – Sep 2019



TODAY'S JOURNEY

About Me

Deep Dive

Your Turn



IT Infrastructure Overview

Adoption Benefits

Final Words



MARJAN POURAN

- ❖ Business and Technology delivery executive
- ❖ International experience in diverse business sectors: Banking, Entertainment, Technology, Telecommunication, News Agency, Engineering, Stock Market
- ❖ Director of Transformation at TD Bank
- ❖ Board of director at Scrum Alliance



INFRASTRUCTURE ENVIRONMENT

Categories

- Environment Provisioning
- Currency projects
- Vulnerability and Patching
- Risk Management
- Introducing New Technology
- Data Center Colocation and Migration



AGILE FOR INFRASTRUCTURE PROJECTS?

Business Leaders Focus and Concerns

- ✓ Productivity
- ✓ Resource utilization
- ✓ Budget allocation constrains



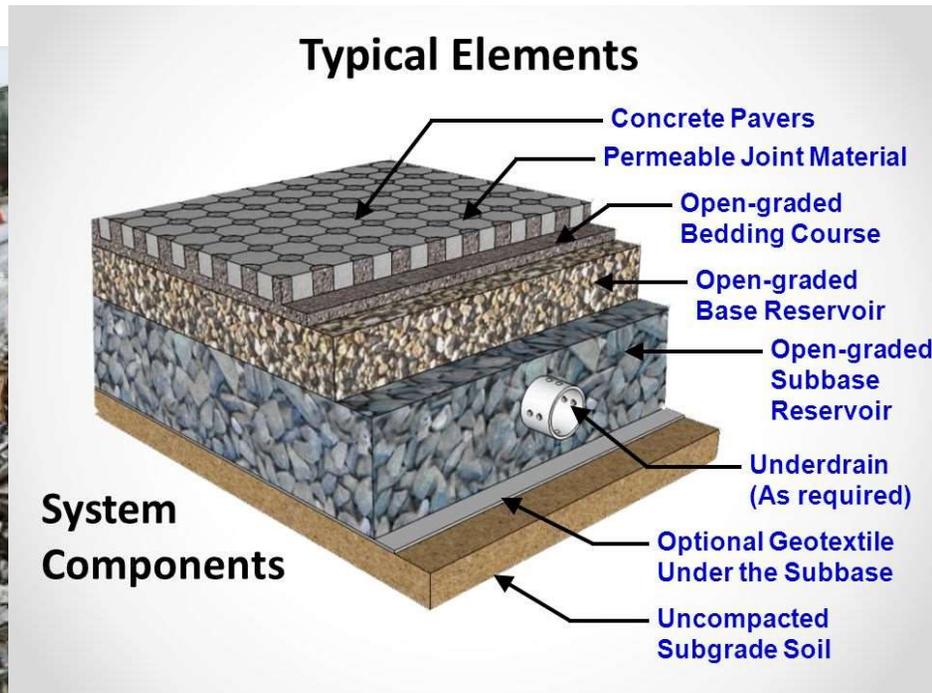
Delivery Model

- ⌘ Shared Services
- ⌘ Ticketing Based Workflow (ITIL)
- ⌘ Vendor and Contractor Oriented



BEFORE DEEP DIVE

Typical Canadian Commuter Experience



DATA CENTER COLOCATION

Elements to move:

- 1) Network [Switch, Fiber, Cache]
- 2) Compute Power [Server, RAM, CPU]
- 3) Storage [SAN, NAS]
- 4) Security Equipment [Firewall, Log Server, SOC, SIEM]



AGILE WAY



DC1



DC 2



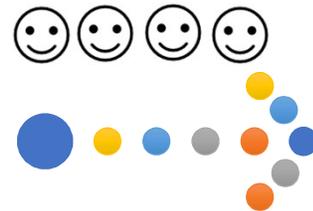
DC1

Network

Compute

Storage

Security

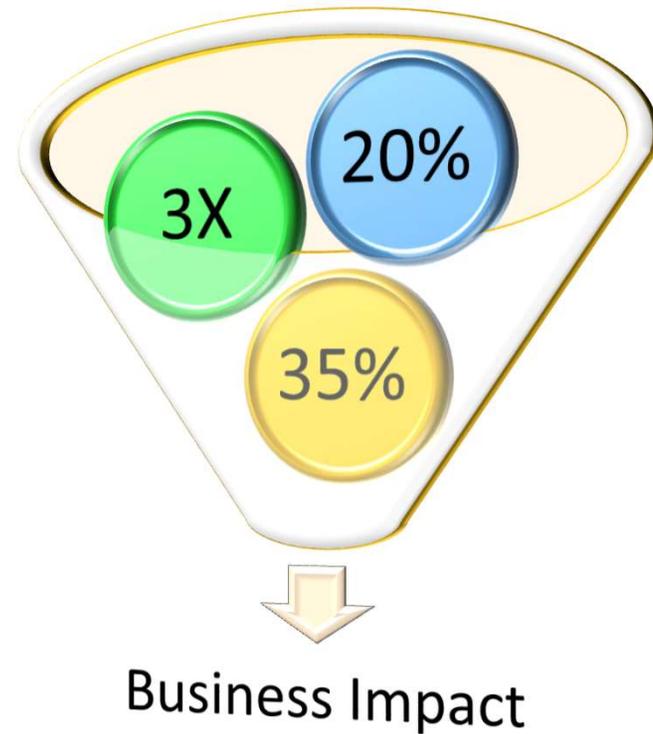


DC 2



ADOPTION BENEFITS

- Cost Avoidance : 20%
- Throughput Increase : 3X
- Enhance Delivery Quality : 35%
- Employee Satisfaction
- Stakeholder Management and Transparency
- Risk Management



YOUR TIME



Agile for IT Infrastructure Products

 [Linkedin.com/in/Marjanpouran](https://www.linkedin.com/in/Marjanpouran)

