



# Anypoint Platform Essentials



# Student introduction

- Your name
- Company & role
- Experience with
  - Java / object-oriented programming
  - Eclipse
  - Anypoint Platform (if any)
- Whether you plan on deploying to CloudHub or Mule ESB
- What you want to get out of class

# Course logistics

- In-person classes are typically from 9-5 (for 4 days)
- Online classes are typically from 8-3 (for 5 days)
  - 1 hour lunch break
  - 15 minute break each morning and afternoon
- We know you have two jobs to do this week!
  - If you have scheduled meetings, please let me know
    - We can try to schedule breaks or lunch around them

# Course outline

- Introducing Anypoint Platform
- Building Integration Applications with Anypoint Studio
  - Basic Mule Application Building Blocks
  - Mule Expression Language (MEL)
  - Leverage Properties and Variables
- Consuming Web Services
- Connecting to Additional Resources

# Course outline

- Transforming Data
- Handling Errors
- Controlling Message Flow
- Processing Records
- Deploying Mule Applications



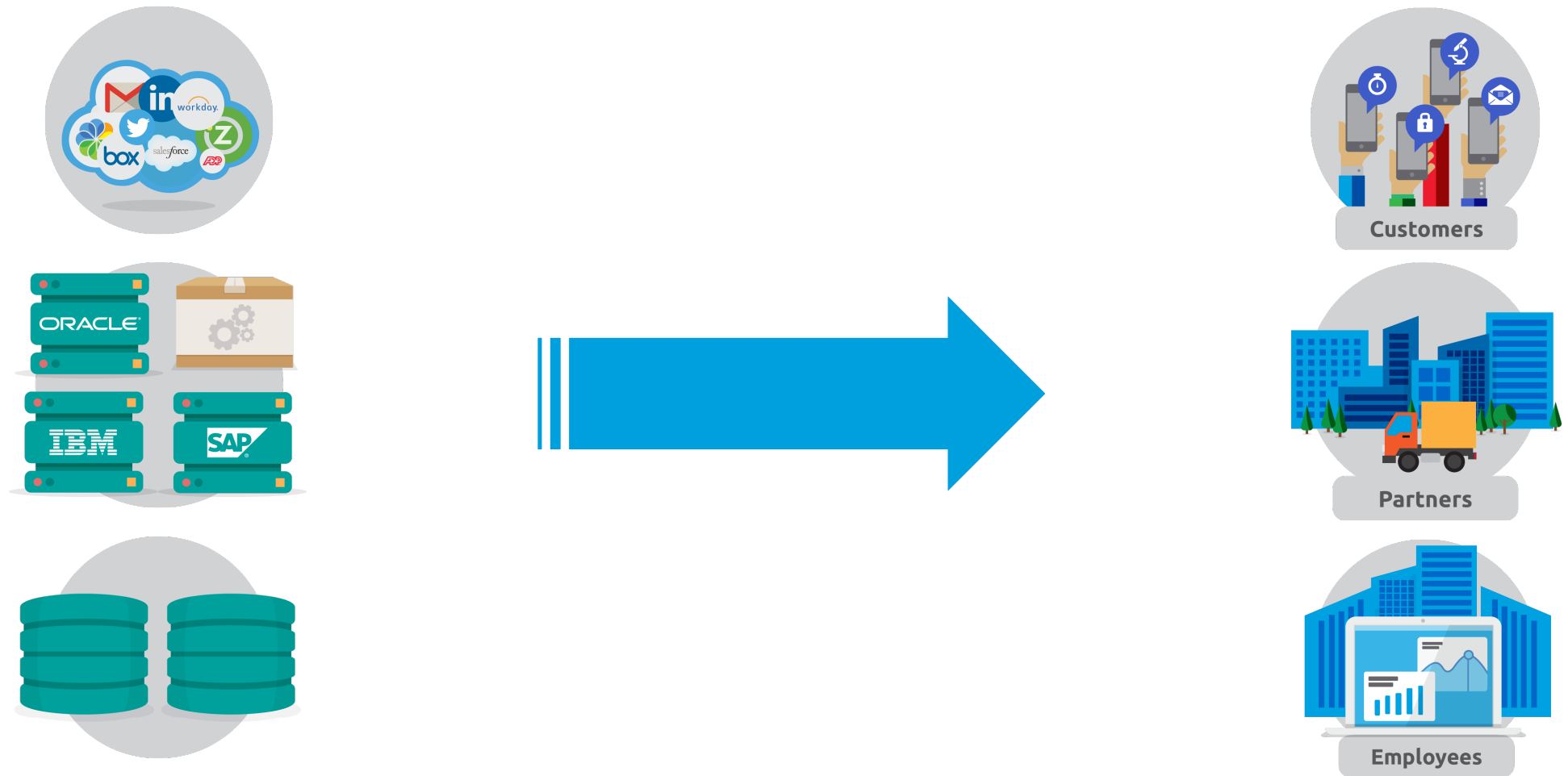
# Module 1: Introducing Anypoint Platform



# Objectives

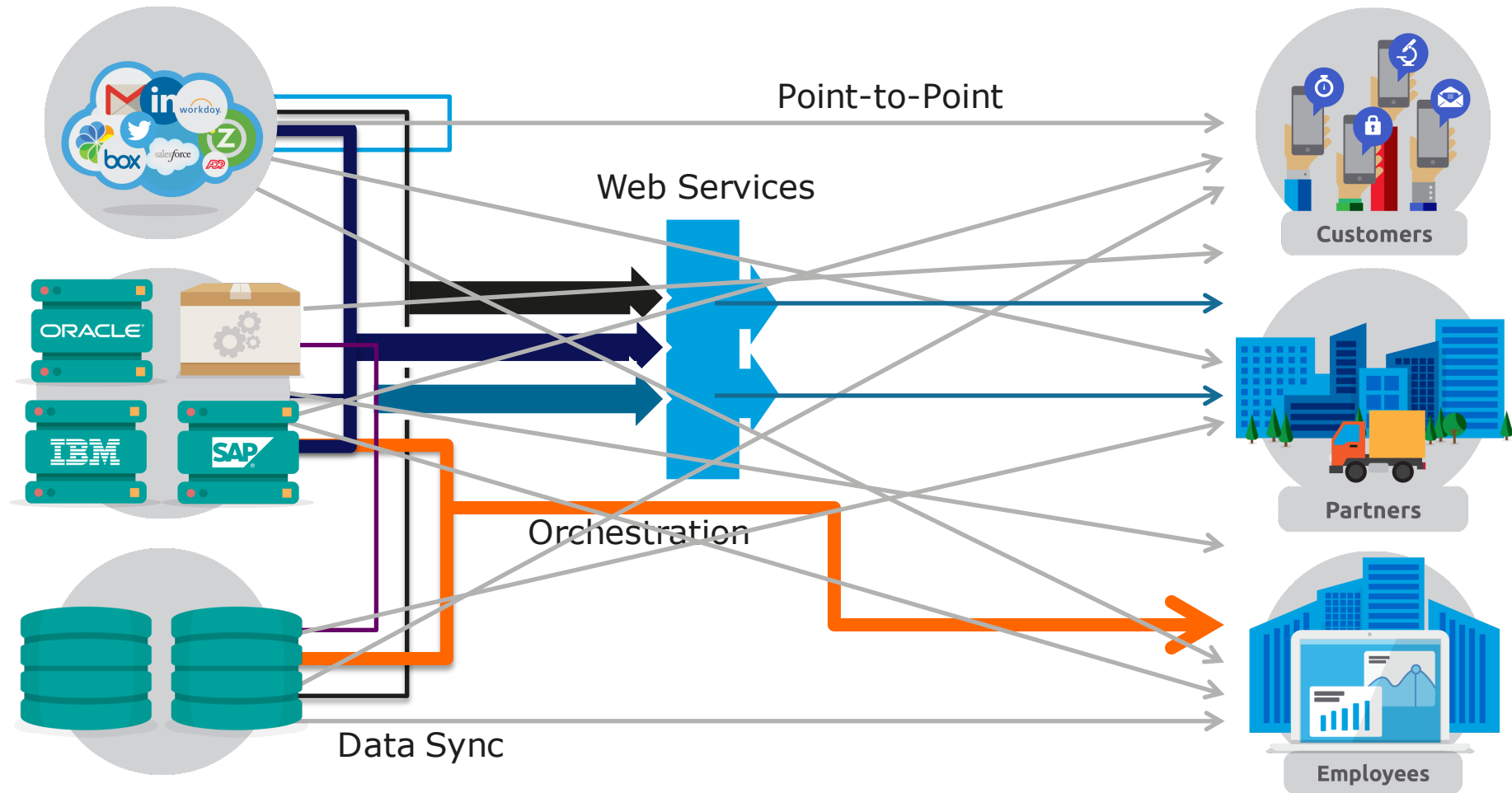
- In this module, you will learn:
  - About the IT problems being faced today and the concept of bimodal IT
  - What Anypoint Platform is and how it can be used to solve these problems and drive business agility
  - About the specific components of Anypoint Platform

# Today's problem: Connecting assets to audiences

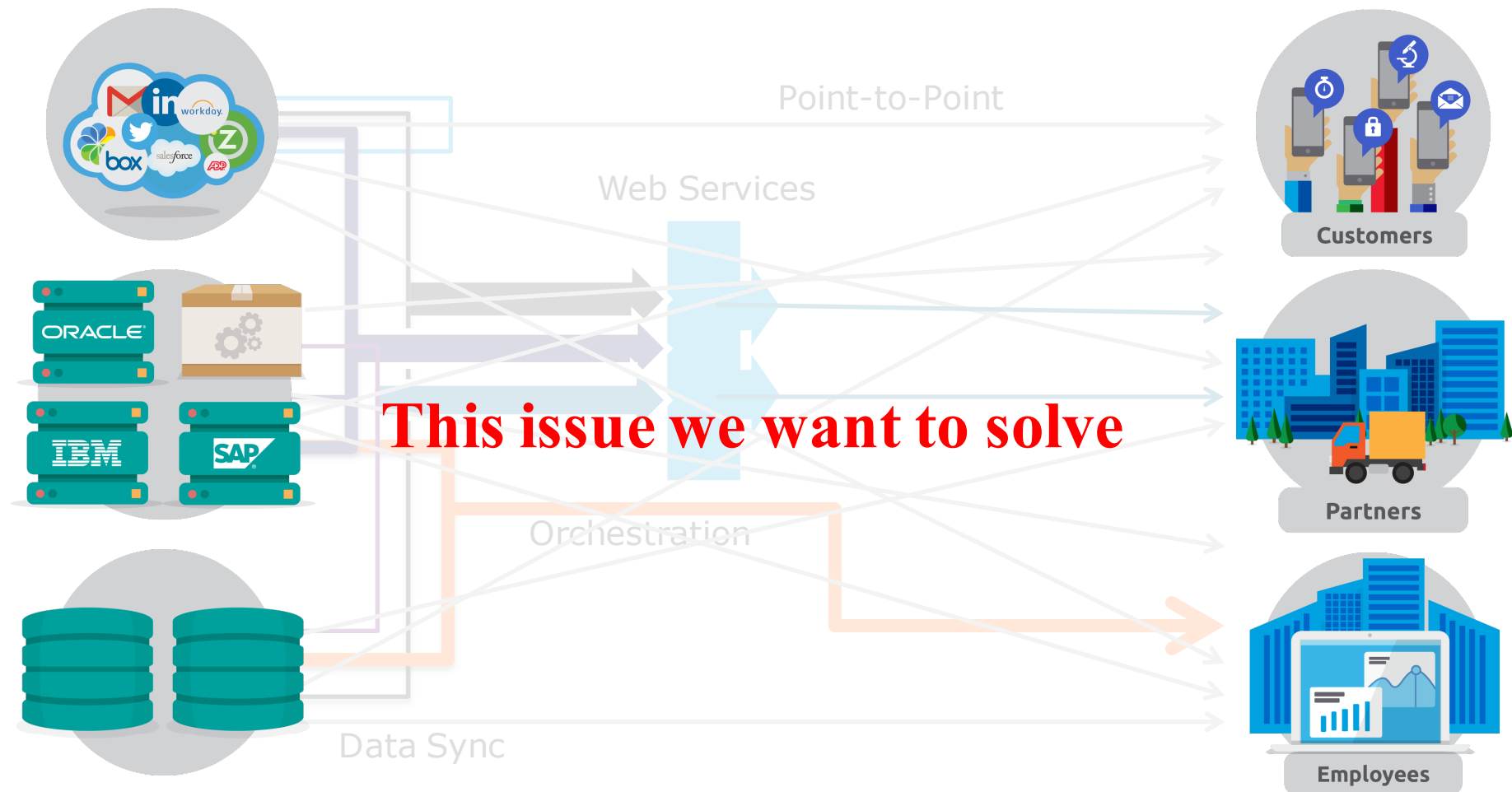




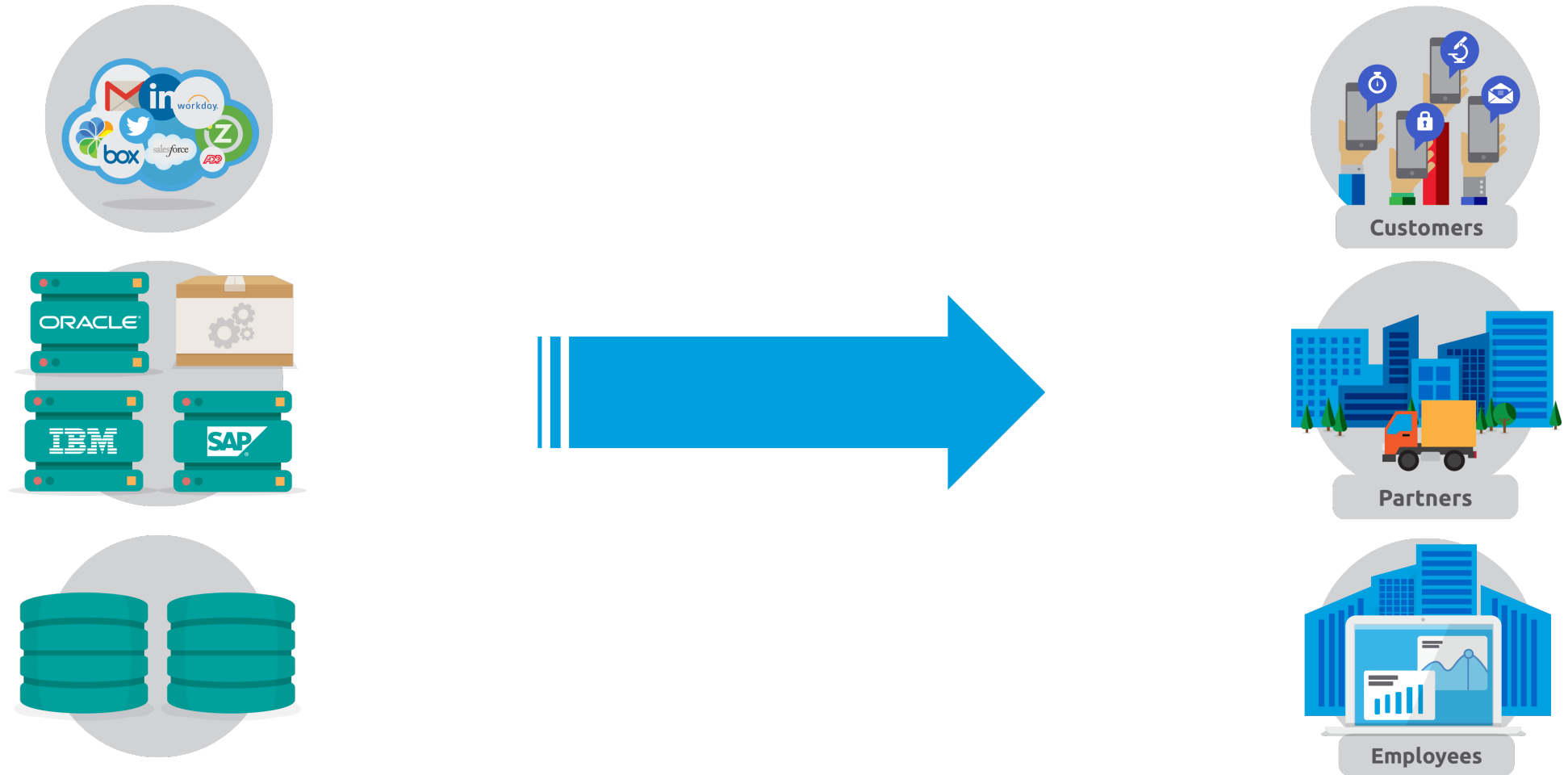
# Good intentions ...



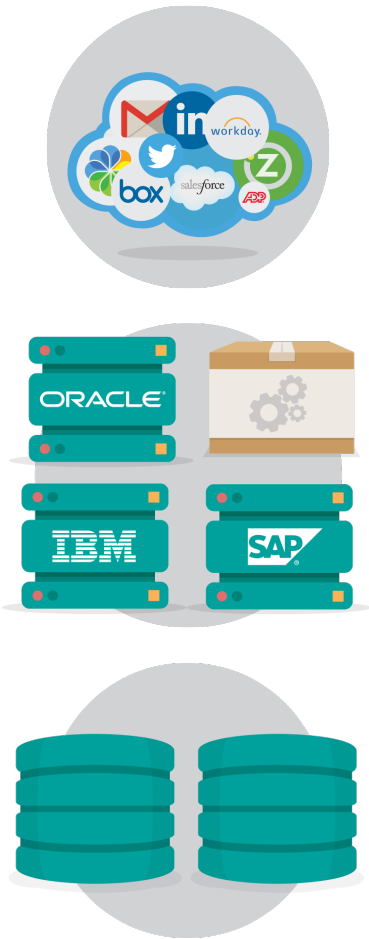
...don't necessarily lead to good outcomes



# Drive exceptional business agility by connecting assets to audiences



# Traditional integration only goes part of the way...

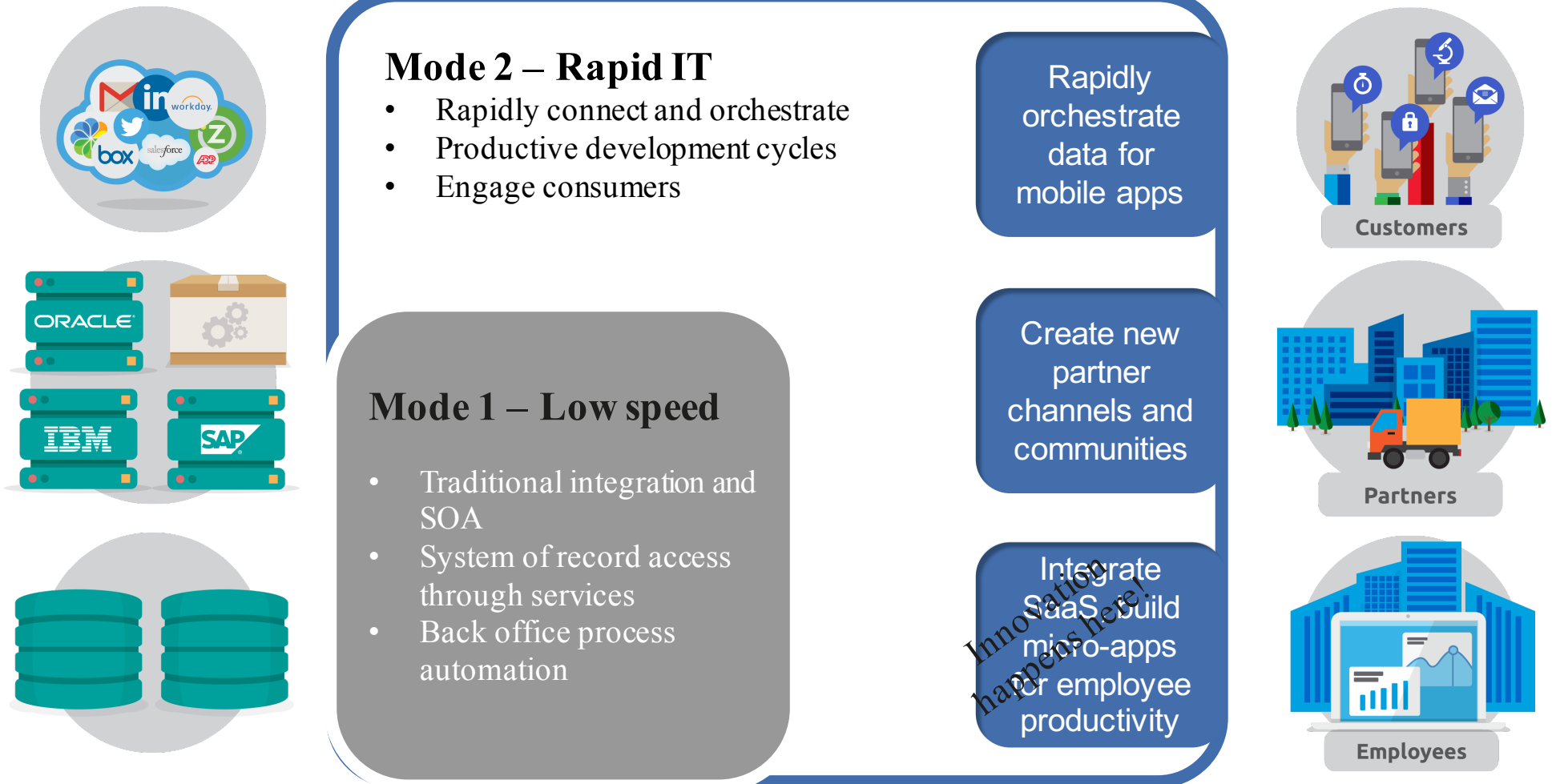


## Mode 1 – Low speed

- Traditional integration and SOA
- System of record access through services
- Back office process automation



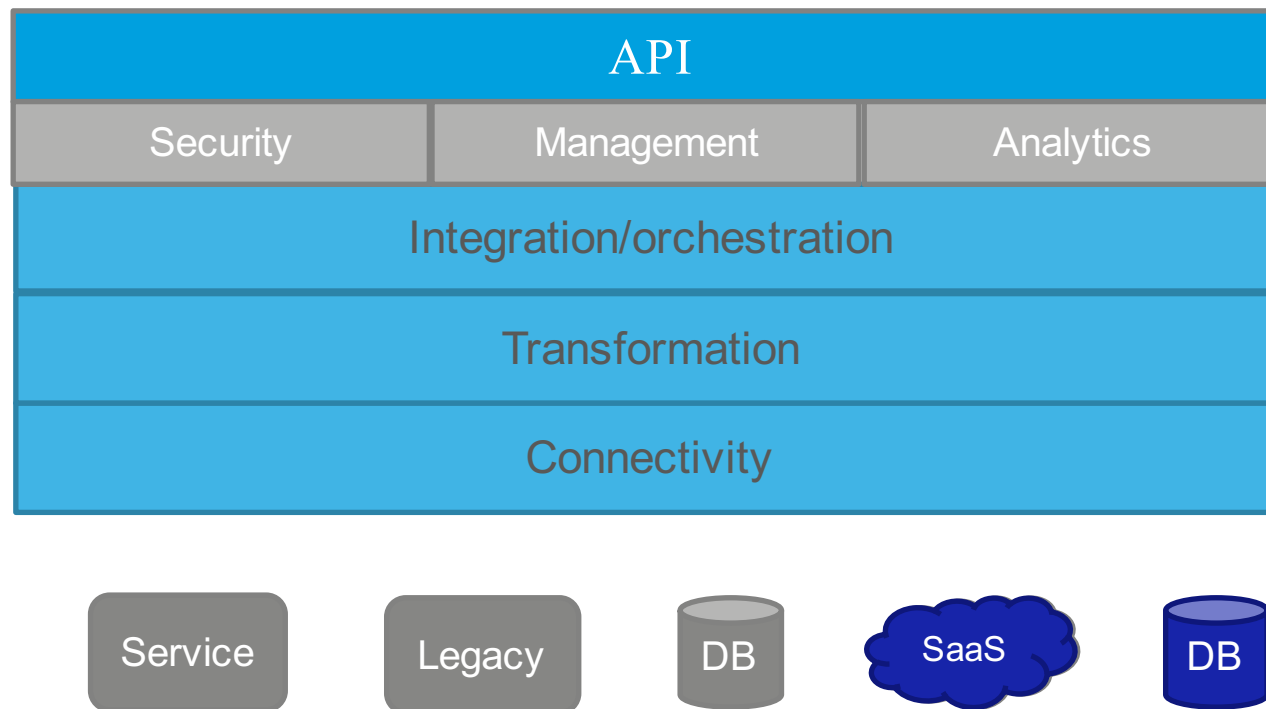
# New Enterprises go faster with bimodal IT



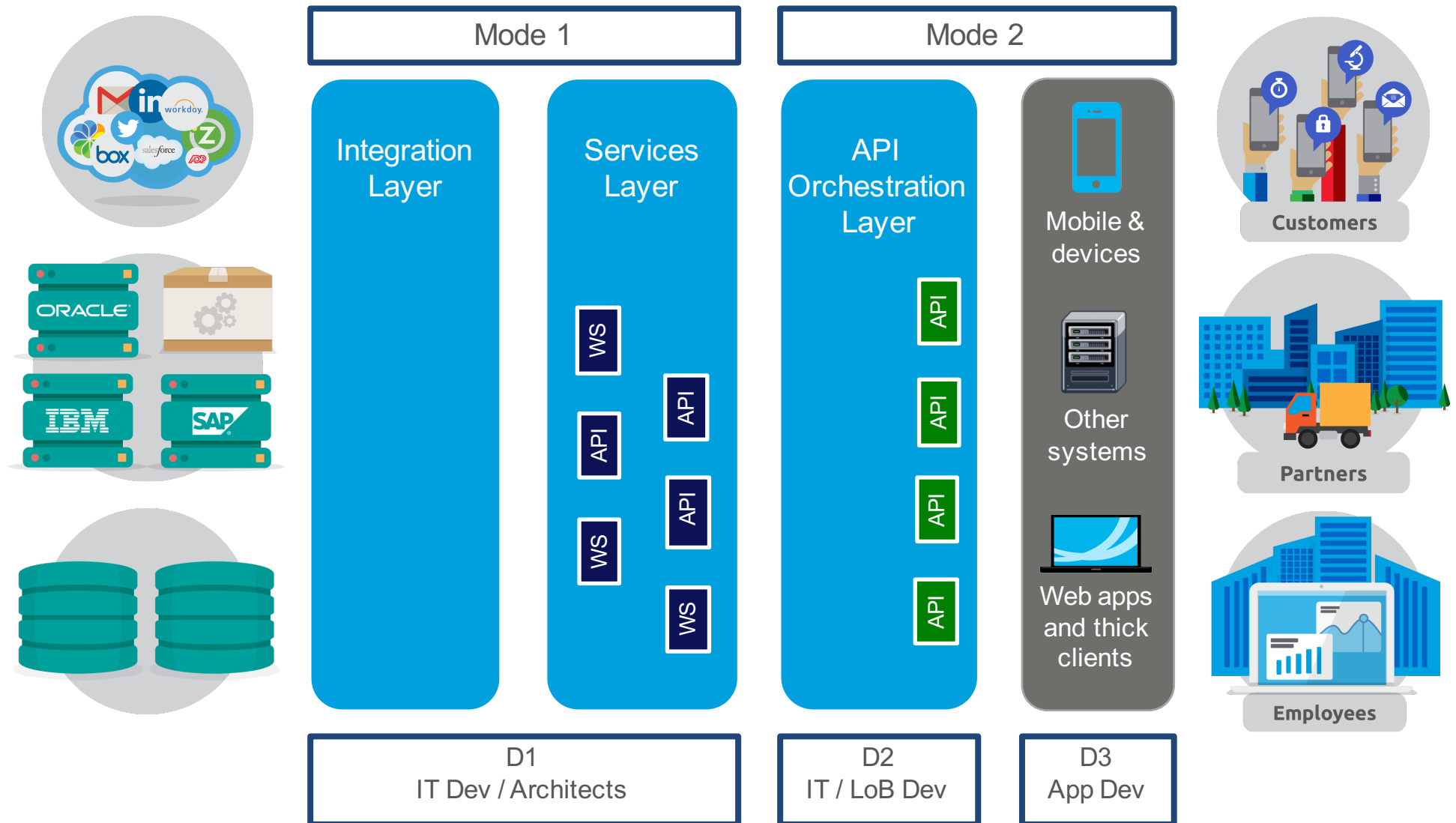
# Achieve agility by architecting for it

Get to market  
quickly

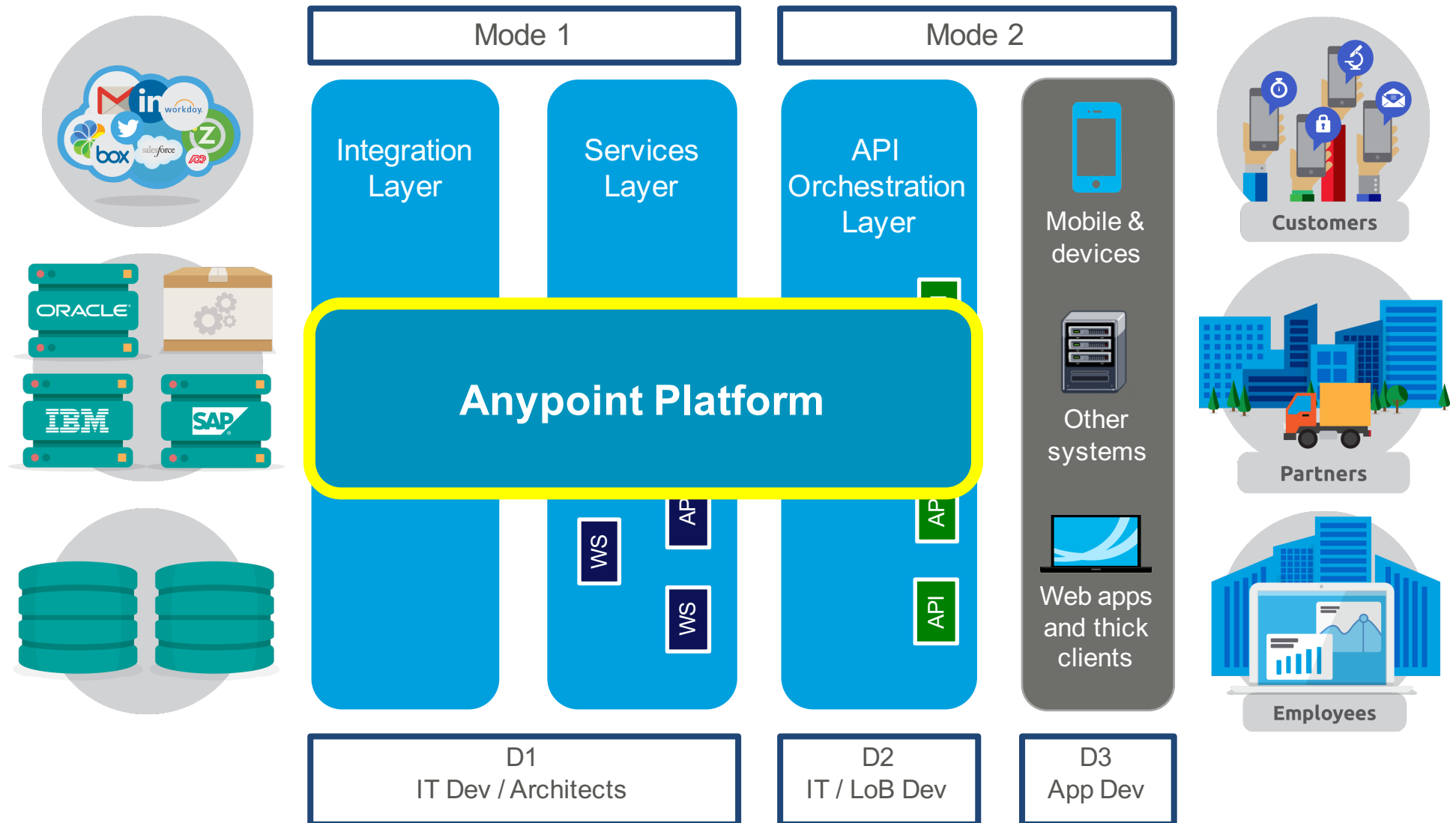
Easily adapt to change



# Bimodal IT and APIs in your enterprise



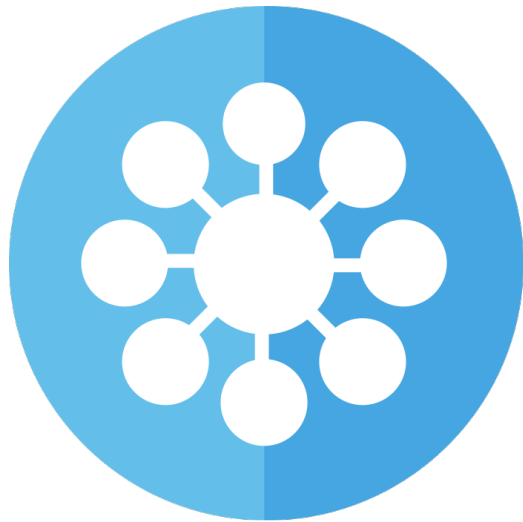
# Bimodal IT and APIs in your enterprise





# Anypoint Platform

- A connectivity platform for connecting any application, data source, device, and API, both in the cloud and on-premise



Unified  
connectivity

SOA, SaaS, APIs  
on one platform



Low friction

Designed for ease of  
use and deployability

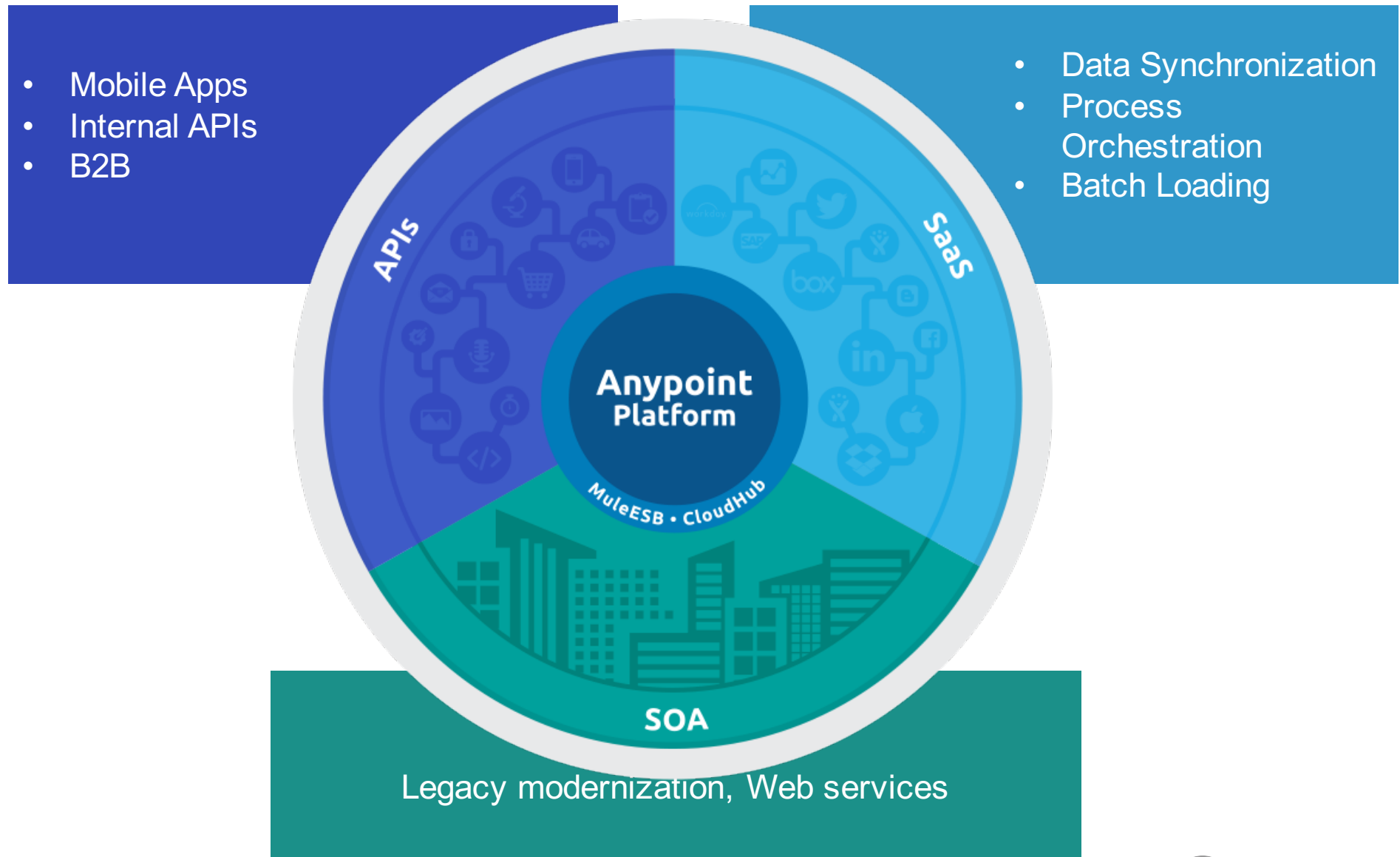


Hybrid ready

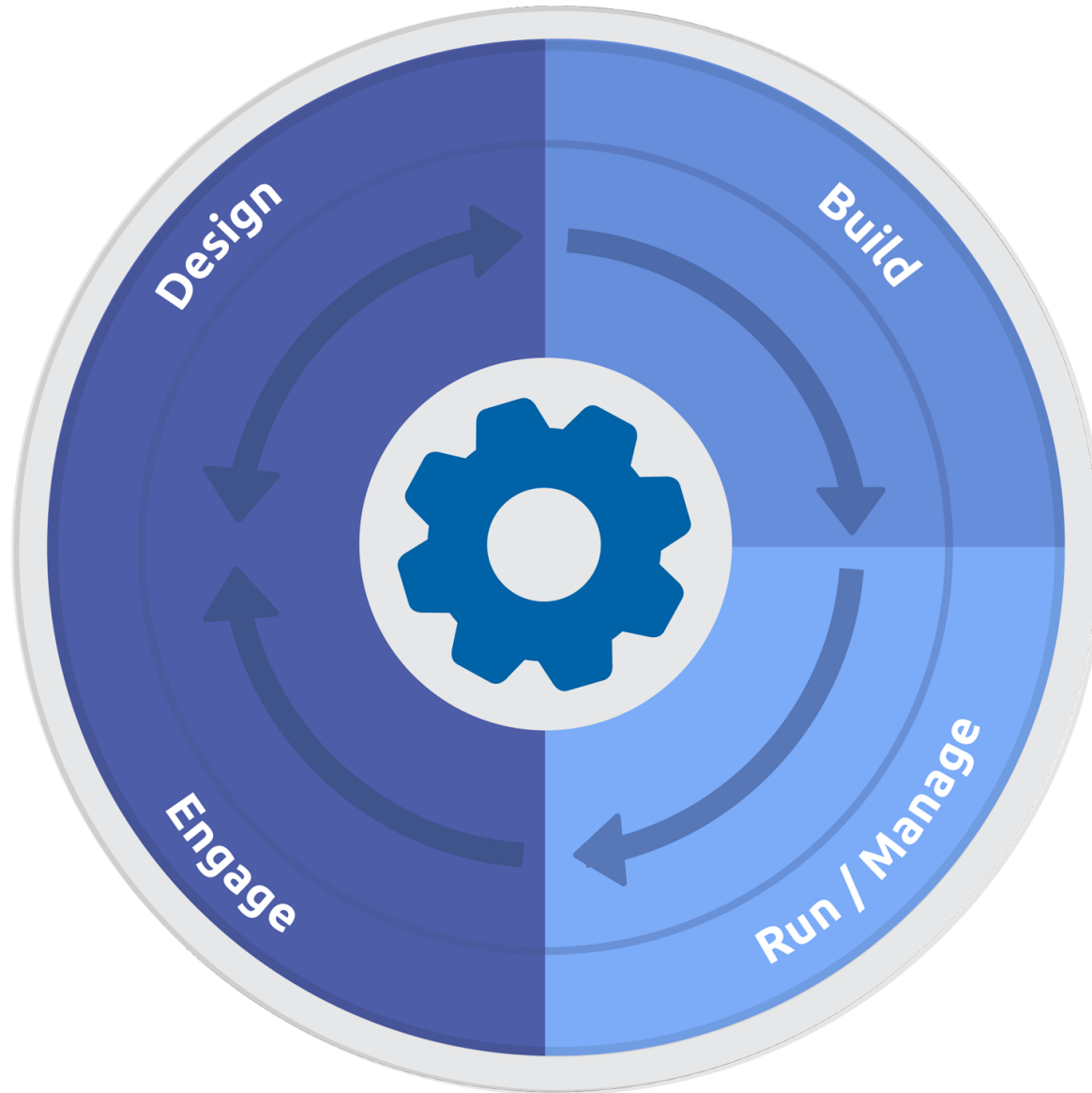
Write once, deploy  
anywhere

Future-proof

# Anypoint Platform: A unified connectivity platform

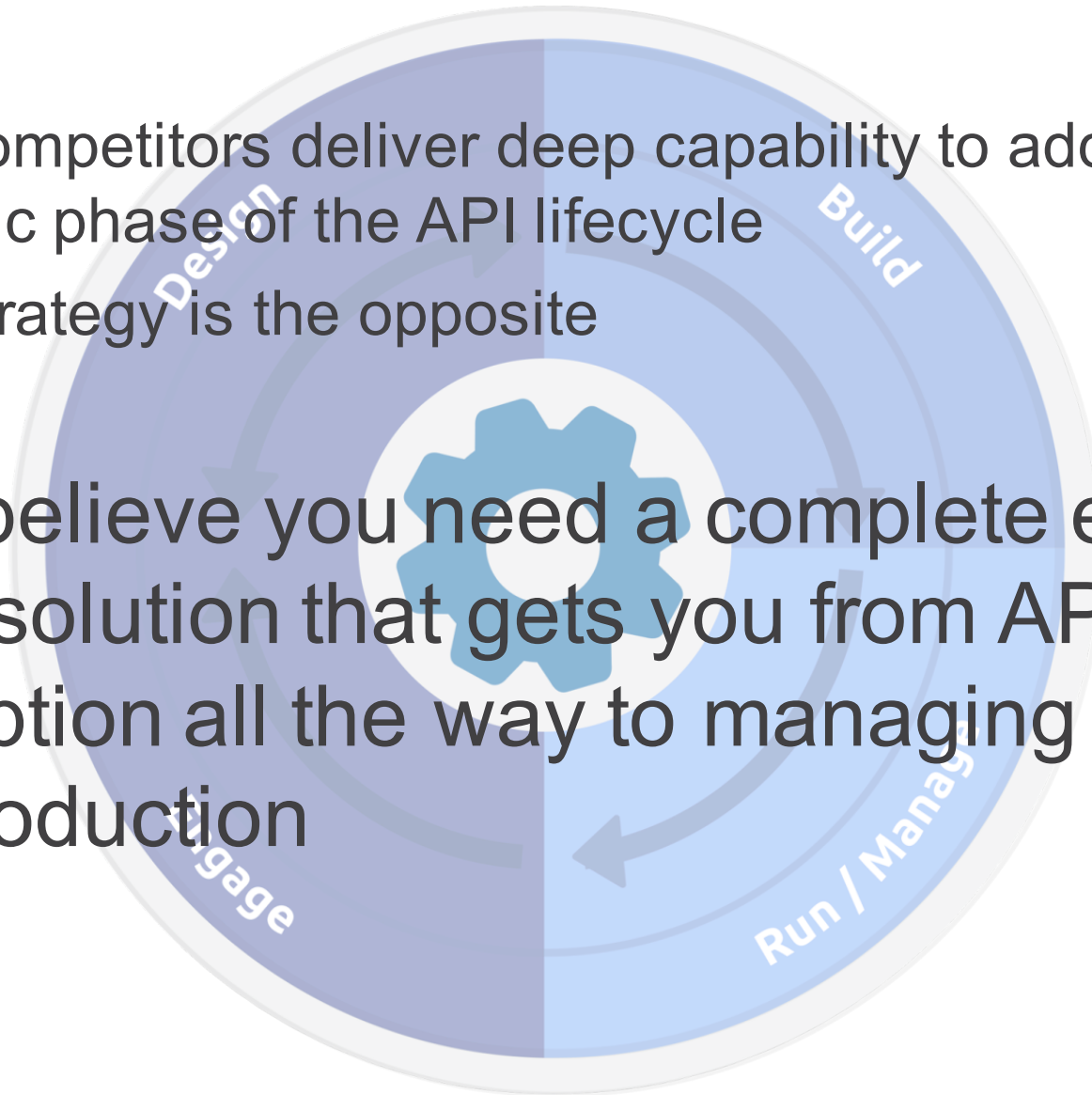


# Anypoint Platform: Full API lifecycle support



# Anypoint Platform: Full API lifecycle support

- Our competitors deliver deep capability to address a specific phase of the API lifecycle
- Our strategy is the opposite
- We believe you need a complete end-to-end solution that gets you from API inception all the way to managing that API in production



# Anypoint Platform: Low friction development



Two level UX for ease & control (graphical or code)



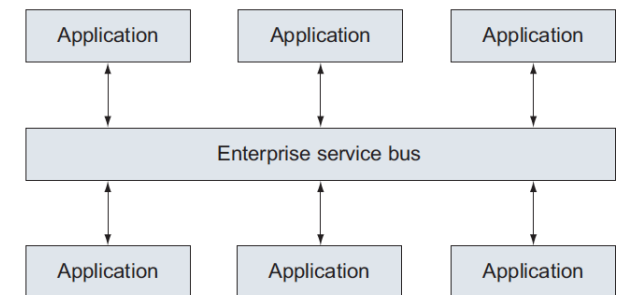
Vast connectivity (connectors, templates, DevKit)



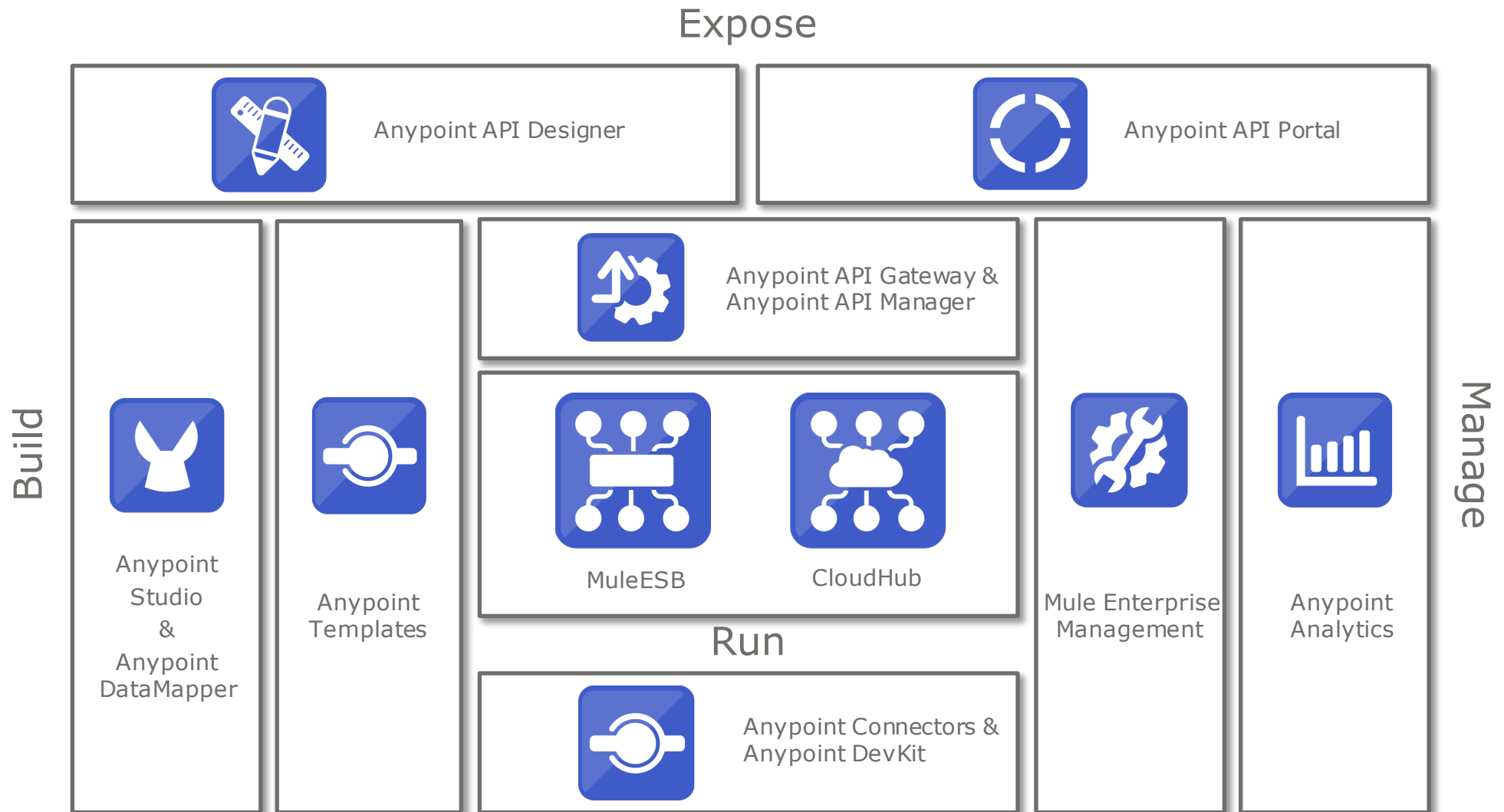
Lean & mean (easy to deploy, easy to manage)

# Anypoint Platform: More specifically

- A collection of servers, frameworks, tools, and web applications
  - Tools and frameworks for building integration applications
  - Mule Server Runtime for running apps
    - A lightweight, open-source enterprise service bus (ESB)
    - On-premise or hosted
  - Web applications for
    - Deploying, running, managing, and monitoring integration applications
    - Creating, managing, and discovering APIs



# Anypoint Platform: The components



## Summary: IT today

- Must be able to rapidly integrate resources and make them available for consumption to stay competitive
- Needs to be bimodal
  - Traditional IT maintains operations, ensuring business technology functions appropriately and securely
  - Agile IT innovates with digital possibilities, handling growing needs of the business



# Summary: Anypoint Platform

- A connectivity platform for connecting any application, data source, device, and API, both in the cloud and on-premise
- A collection of servers, frameworks, tools, and web applications for building, running, managing, and monitoring integration applications and APIs
- Offers unified connectivity, low friction entry, and is hybrid ready
  - SOA, SaaS, APIs on one platform
  - Full API lifecycle support from design through management and engagement
  - Is future-proof, supporting your current and future use cases on a single platform