Connecting apps simply isn’t enough

Build your Intelligent Digital Mesh

PRESENTATION BY TIM ARVANITES

Intelligent Digital Mesh

the entwining of people, devices, content and services

enabled by digital models, business platforms and a rich, intelligent set of services to support digital business

GARTNER

Analogy - The Borg

Cybernetic organisms, integrated into a hive mind called "the Collective”, that learn and adapt

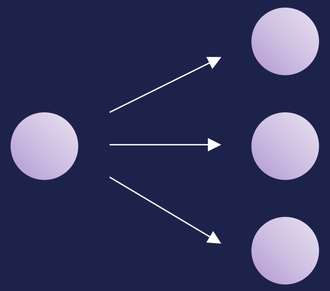
- CYBORGS
- ASSIMILATION
- COLLECTIVE – HIVE MIND
- LEARN AND ADAPT

MESH

Simply connecting apps isn‘t enough

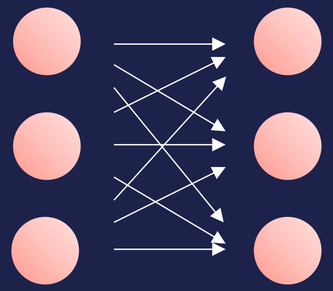
One Consume One

You have an app that consumes data from another app



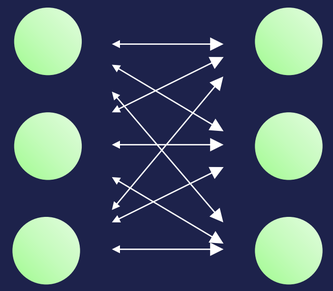
One Consume Many

You have an app that consumes data from a number of other apps



Many Consume Many

You have many apps, each consuming data from a number of other apps



Many Interconnect Many

Each of your apps not only consumes from, but publishes to other apps

The integration fabric

Connecting apps simply isn’t enough

- Doesn’t scale
- Lack of governance
- Point to point
- Lots of management and complexity

Interconnect everything

- API Driven
- Kubernetes and Istio
- Microservices Architectures
- External apps, devices, services

Mesh Requirements

Centralized administration

Consume / Publish / Govern Usage

Standardized communication specifications

Discovery

Versioning

Access Control and Security

Monitoring and Analytics

Traffic Management and Scaling

User and service management

IMPORTANT MESH TECHNOLOGIES

Integration Platform, API Management, API Specification – Sync and ASync

“YOU” AS A SERVICE

Consume to Publish

Consume external data and publish to other business entities, partners, apps

| Marketing as a service
| Security as a service
| Payment as a Service

Services that you consume typically aren’t easily shared – especially while maintaining governance

Bring your worlds together

An immersive digitally enhanced and fully connected fabric that weaves your virtual and real worlds together.

PEOPLE

DEVICES

CONTENT

SERVICES

DIGITAL

INTELLIGENT

Make your services smarter, more flexible, and autonomous

Don’t just connect. Understand. Your mesh can learn. Your mesh can predict. Your mesh can be programmed. Your mesh can automate. Your mesh can enforce organizational policies.

INTELLIGENT PROCESS AUTOMATION

Intelligence in action

Artificial Intelligence Machine Learning Logic

Build a mesh of apps and data, integrate machine learning and AI, and add automation for intelligent process automation

- Automation on its own does exactly as you request, like sending invoices at a specific time.
- Machine Learning (ML) can predict when those invoices should go out, who did or did not receive one, when payments are on the verge of being late, etc.
- Integrate ML and Automation so those invoices automatically go out at intelligent times.

Uses

- Security
- Marketing
- Sales
- Consumer
- Accounts Receivable
- ... Your imagination...

GET STARTED

Start building your Intelligent Digital Mesh

You have apps and services, use cases, and platforms. Where do we begin?

1

Identify

2

Architect

3

Platform(s)

4

Build

5

Test

6

Publish

7

Discover

8

Communicate

aapi.io

Integrate Logic

Automate Everything

THANK YOU!

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