

Pivotal Cloud Foundry

Software is Changing Industries



\$6B valuation
Financial Services



\$40B valuation
Transportation



\$20B valuation
Entertainment



\$13B valuation
Travel & Hospitality



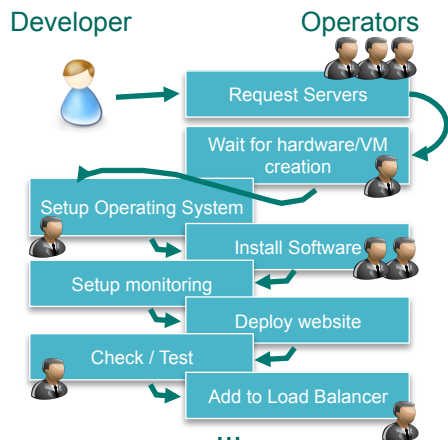
\$3.2B Acquisition by Google
Home Automation



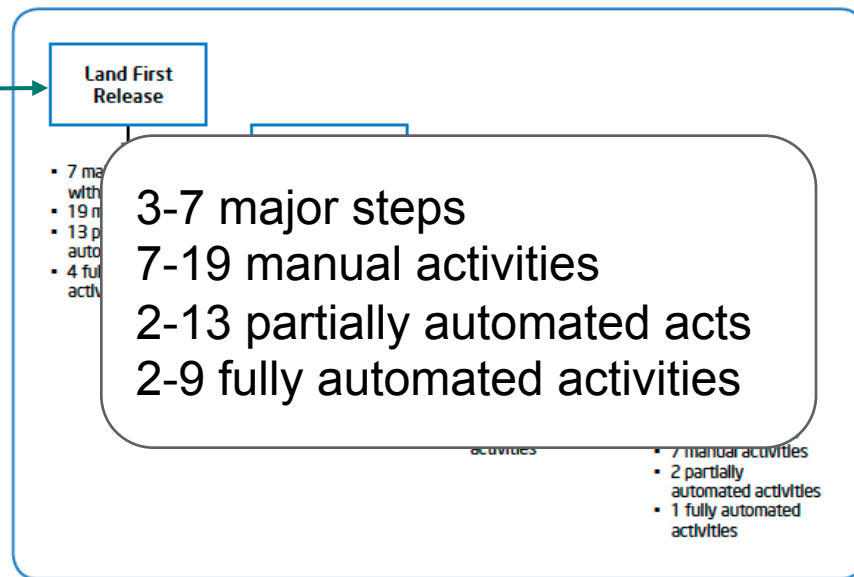
\$26B Evaluation
Automotive

Traditional App Lifecycle: Too Lengthy and Complex

Traditional App Deployment:
8+ manual steps, developers
out of the workflow



Traditional App Lifecycle:
Each phase compounds time and
complexity, **sacrificing agility**

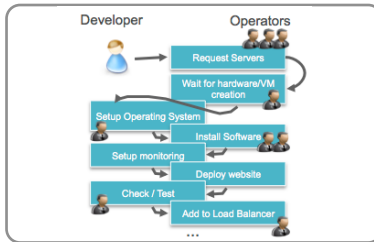


10x+ Increase in Speed and Agility

Old World:

App Deployment in Days/Hours

App deployment
waits for 8+
manual steps



IT configures
complex
middleware

```
[Create a VM, Install MySQL DB]
[Configure Database]
user = foobar
port = 3306
basedir = /usr
bind-address = 172.58.77.101
key_buffer = 16M

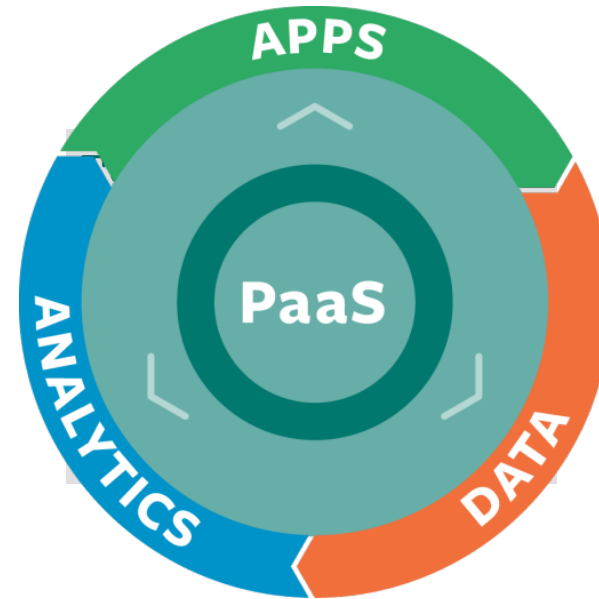
--
[Create a VM, Configure Tomcat Application Container]
<connector redirectPort="8443" emptySessionPath="/>
<bean id="sessionFactory" class="org.springframework.../>

--
[Wire FrontEnd and Middleware]
dependencies:
- MySQLclient

--
[Configure Router]
http.include mime.types;
default_type: application/octet-stream;
log_format: main 'remote_addr - $remote_user [-'
keepalive_timeout 65;
--
```

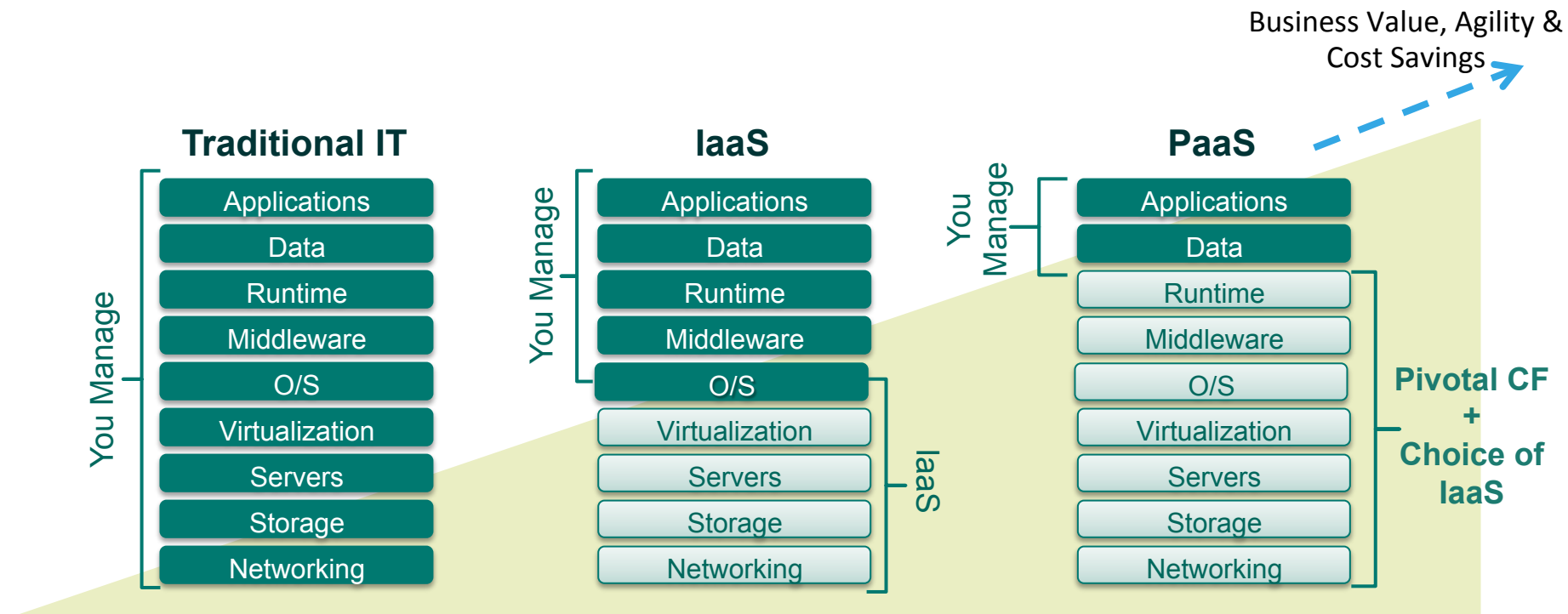
Pivotal CF:

App Deployment in Minutes/Seconds



Pivotal

The Power of PaaS (On Premise & Off Premise)



Deploy An Application



- Provision VM
- Install Application Runtime
- Deploy Application
- Configure Load Balancer
- Configure SSL Termination
- Configure Service Connectivity

- `cf push`

Pivotal **CF**™

The Cloud Foundry Foundation



Platinum members



Gold members



Silver members

Largest Open PaaS Ecosystem (100k+ downloads)

Pivotal™

vmware



GE Software

EMC²



Rakuten



Cloud Elements



Stark&Wayne.



ActiveState

Pivotal

Pivotal CF: Cloud-Independent Enterprise PaaS

Simple, Developer Friendly Commands & API

Runtimes



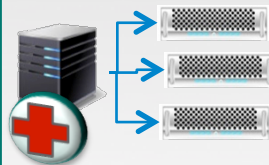
Web Server and App Server Configuration



Middleware Components



Operational Benefits for Every Application



App Health Management, Load Balancing & High Availability



Policy, Identity and Roles Management

Broad Choice of Services

Mobile Services



Data Services



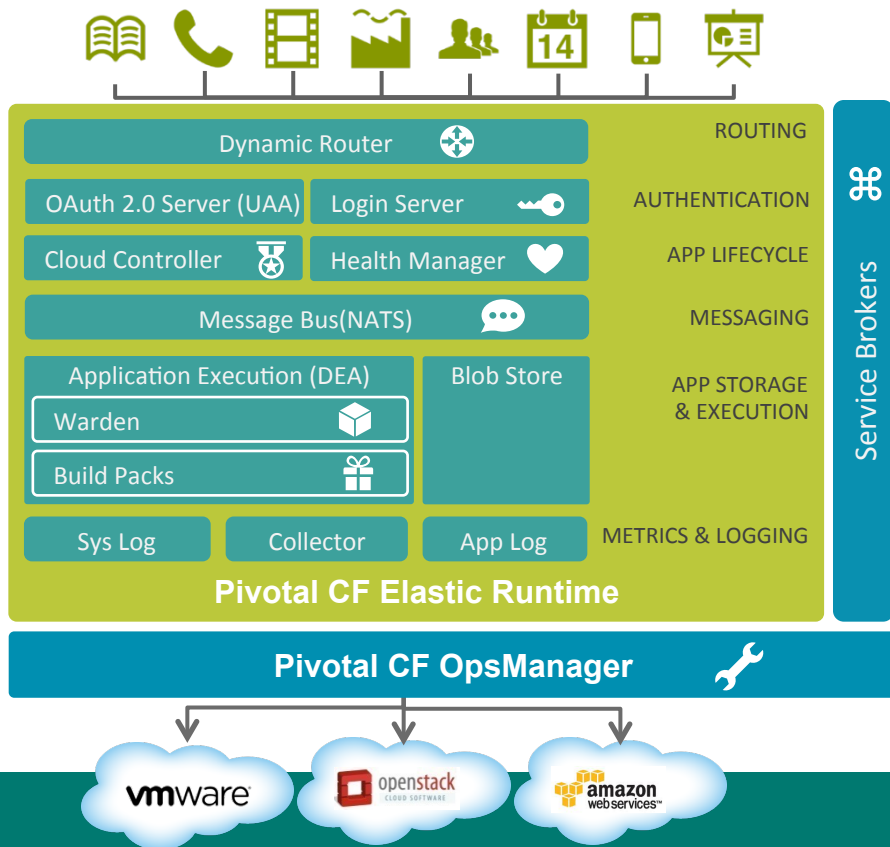
Platform Services



Deploy, Operate, Update & Scale with minimal downtime on Any IaaS



Elastic Runtime High Level Architecture



- Turnkey, fully automated Platform-as-a-Service
- Scalable runtime environment, extensible to most modern frameworks and languages running on Linux
- Instant expansion or upgrade with no downtime
- Deploy, scale and manage applications with bindable services using simplified semantics and APIs

Pivotal CF Services



Pivotal HD Service for Pivotal CF

Gain insight from the massive data captured by apps, syst...



API Gateway for Pivotal CF

Create mobile-optimized APIs



Redis for Pivotal CF

Cloud Foundry Redis service for application development a...



Riak CS for Pivotal CF

An S3-compatible object store for Cloud Foundry applications



Push Notifications for Pivotal CF

Add secure push notifications to your mobile apps



Data Sync for Pivotal CF

Secure data store with mobile-optimized access



RabbitMQ Service for Pivotal CF

Give your applications a common platform to safely send



MongoDB for Pivotal CF

MongoDB Data Store



MySQL for Pivotal CF

MySQL database-as-a-service for Cloud Foundry applications



App Autoscaling for Pivotal CF

Scales bound applications in response to load



Cassandra for Pivotal CF

Cassandra KV and Table Store



Elasticsearch for Pivotal CF

Elasticsearch Search Engine



Jenkins Enterprise by CloudBees

Continuous Integration and Delivery for Software



Memcached for Pivotal CF

Memcached Elastic Cache Service



Neo4j for Pivotal CF

Neo4j Graph Database



Pivotal Spring Insight

Zero touch instrumentation of Java applications

Pivotal Ops Manager

The image displays two overlapping screenshots from the Pivotal ecosystem. The background screenshot shows the 'Pivotal Ops Manager' 'Installation Dashboard' for an 'admin' user. On the left, a sidebar lists 'Available Products' with categories like 'Ops Manager Director for VMware vSphere', 'Pivotal Elastic Runtime', 'Docker', 'Metrics', 'Pivotal RabbitMQ', and 'MySQL for Pivotal CF', each noting 'No upgrades available'. The main area features a grid of product tiles for 'vmware vSphere', 'Pivotal Elastic Runtime', 'docker', 'Pivotal Ops Metrics', 'MySQL for Pivotal CF', and 'Pivotal RabbitMQ for Pivotal CF'. A top right section indicates 'No updates' and has an 'Apply changes' button. An 'Import a Product' button is at the bottom left, with a dashed arrow pointing to the foreground screenshot.

The foreground screenshot shows the 'Pivotal Network' website at <https://network.pivotal.io/products>. It features a search bar and a grid of products under the 'PIVOTAL CF & SERVICES' tab. Products listed include 'API Gateway for Pivotal CF', 'App Autoscaling for Pivotal CF', 'Cassandra for Pivotal CF', 'Data Sync for Pivotal CF', 'Elasticsearch for Pivotal CF', 'Memcached for Pivotal CF', 'MongoDB for Pivotal CF', 'MySQL for Pivotal CF', 'Neo4j for Pivotal CF', 'Pivotal Alpha Tests', 'PCF for Accenture Cloud Platform', 'Pivotal CF on Openstack for AT&T', 'Pivotal CF Customer Beta', 'Pivotal Release Candidates', 'Redis for Pivotal CF', 'Push Notifications for Pivotal CF', 'Kiosk CS for Pivotal CF', 'Pivotal CF', 'Pivotal HD for Pivotal CF', 'RabbitMQ for Pivotal CF', and 'TEST Beta Group Access'.

Pivotal

Pivotal

A NEW PLATFORM FOR A NEW ERA