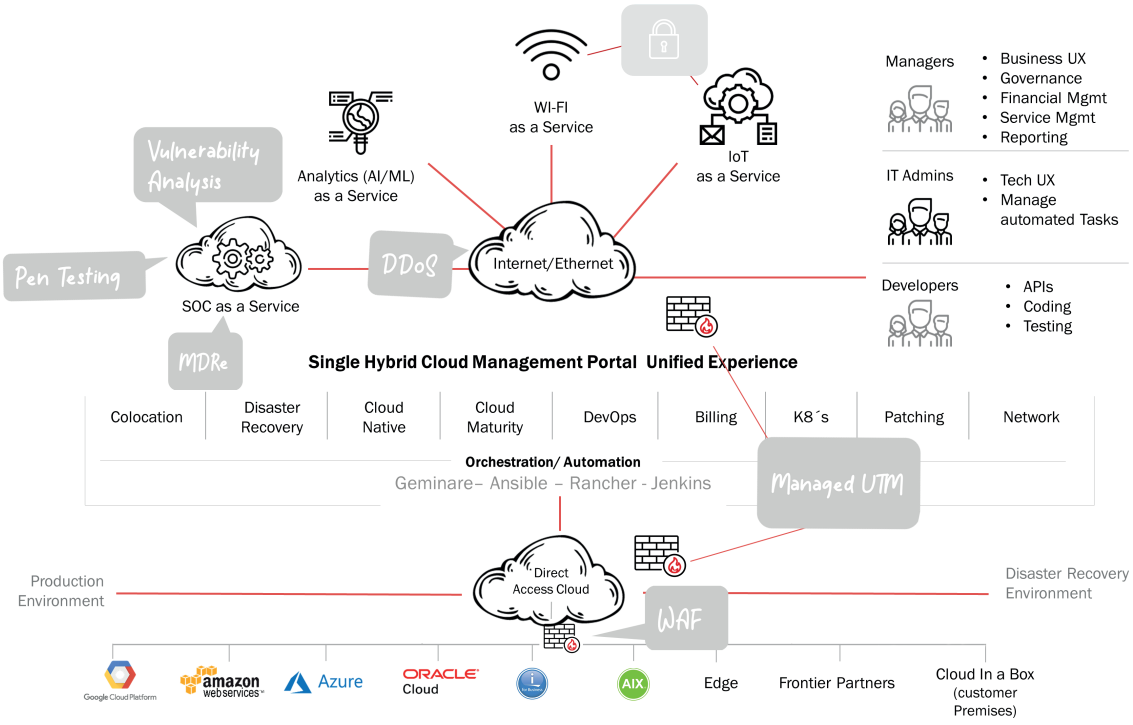
CLOUD MANAGED SOLUTIONS

Cloud Managed Solutions Portfolio

1.



INTEGRATED SOLUTIONS

Enterprise IT heroes face a lot of complexity within their corporate IT environments.

Implementing and operating your own cloud infrastructure, configuring compute, storage, and specially networking can often be overwhelming and presents challenges for smaller IT teams.

Frontier's Cloud Managed Solutions have been developed to change this dynamic.

Managed Cloud Servers

- **Single pane of glass** to manage your IT environment on the cloud or on-premises.
- Public, Private, Hybrid, or Multi-cloud, **we cut down the silos** to ensure a consistent and unified experience.
- **Single billing source:** hybrid multi-cloud consumption with one bill from Frontier for connectivity, security, compute and storage. Simplified.
- Different business models to **meet your needs:** capacity-based models, consumption (utility)-based models, a combination of both models.

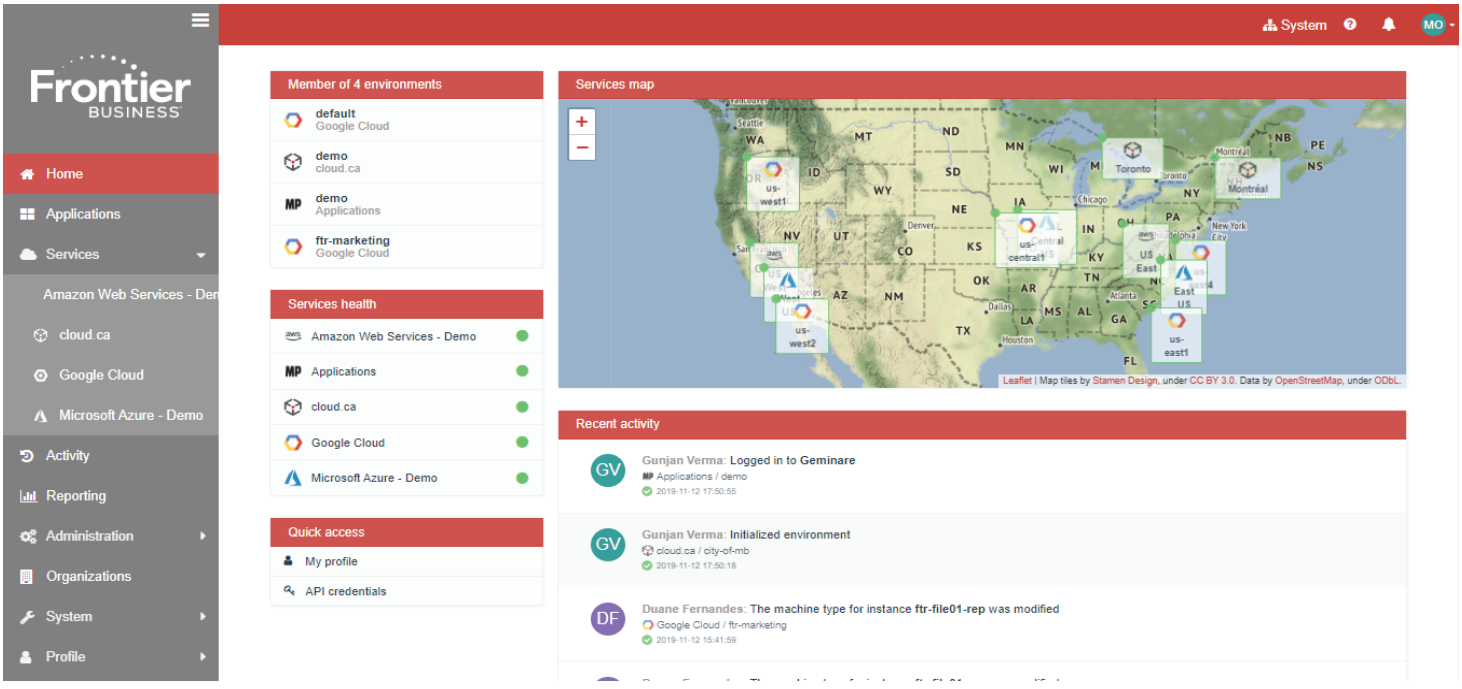
Cloud Native Automation

- **Automate your IT environments** with container and cloud native automation tools:
- Terraform (for automating configuration of IaaS environments - **"Infrastructure as Code"**),
- Docker-machine driver (to containerize your applications on Frontier Cloud).
- Rancher driver (to orchestrate containerized applications on Frontier Cloud).
- Full automation of production and disaster recovery environments. Automate failover, failback, DR tests and much more.

2.

A CLOUD TO CALL YOUR OWN

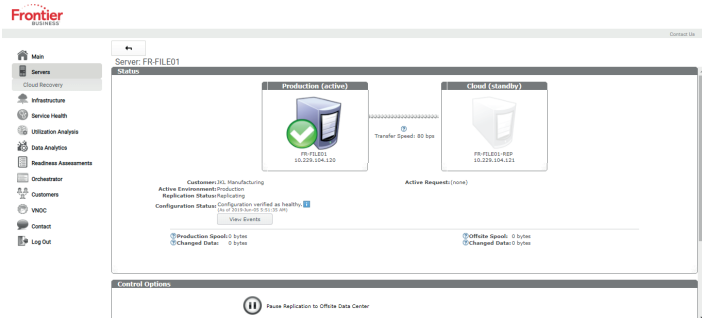
- **Flexibility** is the name of the game.
- You may be deploying your cloud on **GCP, AWS, Azure, or any other "public cloud"** provider. You may be creating a **private cloud** in a hosted datacenter. You may be deploying it in **your datacenter**. You may even be using a **combination** of all or any of these.**We can support you.**
- Do you want to pay a flat monthly fee? Do you want to pay per consumption, like a utility fee or are you looking for a combination of both? We can support you.
- Are you running Windows, Linux, AS400, AIX, Solaris? We can support you.
- No matter whether you need to **innovate, refresh your technology or save money** - we can support you.
- It doesn't matter what you run - production, disaster recovery, development, or test environments - we can support you and **automate most of your day-to-day tasks** so you can focus on generating value for your organization.
- Build your own cloud with Frontier support. Our flexible solutions, our team of experts, our **3,500+ micro datacenters, and our 180,000+ miles of fiber** will help enable your success in any format you need.
- Through our portal, **you can manage your own cloud.** We can also **manage it for you** if you prefer.

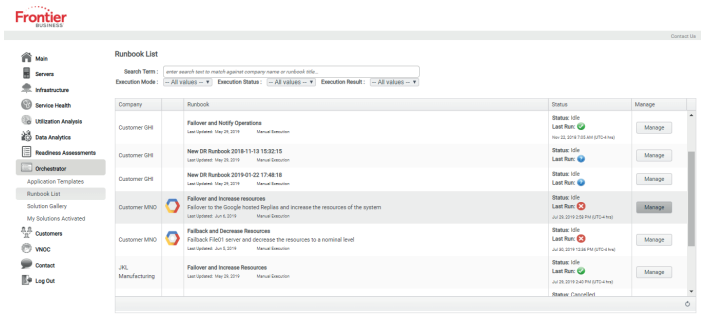


3.

AN ORCHESTRATED RESILIENT INFRASTRUCTURE

- **How often** do you **test** your disaster recovery environment?
- How long does it take you to restore your environment?
- What is the **level of effort to failover** and, in particular, to failback?
- During a disaster, the last thing you need is a complicated failover process. How simple is yours? Can your DR solution guarantee **availability** while giving your end-users full access to your applications?





- Frontier Cloud Continuity solutions protect you in any environment. Failover/failback from: **Any public cloud to any public cloud**. Region to region, zone to zone, or cloud to cloud
- Failover from physical to virtual
- On-premises to the cloud
- Windows, Linux, AIX, Solaris
- Multiple and mixed hypervisors / orchestrators . From Vmware to Hyper-v to Xen to RHEL to Openstack to Cloudstack
- With Frontier Cloud Managed Solutions, **automate:**
  - Testing, failover, and failback processes
  - Day-to-day operations in production and DR environments
  - Security checks and actions
  - Much, much more

Whether you are onboarding servers to the cloud or just exploring the idea, Frontier Cloud Managed Solutions will help you. We are a single provider who can manage your IT and networking environments from end-to-end. We can help you migrate to the cloud and support all of your networking needs.

4.

MIGRATE, OPTIMIZE, AND TRANSFORM DIGITALLY

Frontier wants to become your long-term strategic technology partner. We are looking for a long-term partnership with you on your digital transformation journey. We will deliver our services in stages that help maintain the value you have created with your customers.

STAGE 1 – MIGRATION

During stage 1, we'll migrate your on premises infrastructure (virtual or physical) onto the cloud and into a **stable operational state.**

We do that because **the infrastructure of tomorrow is really NOT a more efficient version of today's** infrastructure. Tomorrow's infrastructure is different: it is agile, API driven, automated, orchestrated across public, private, and multi-cloud, and very often, running on the edge.

Gaps Frontier will help close:

Frontier will bring tools and processes to the table to ensure **consistent governance and resilience** across a hybrid IT infrastructure, ensuring application availability and avoiding loss of control.

STAGE 2 – OPTIMIZATION

In stage 2, we'll make sure we'll continue to navigate the rough waters of change and ensure you enjoy the competitive advantages of **Smart Costs** by deploying workloads on the most suitable environments as defined by the application and business needs.

There will be no bias towards on- or off-premises, public or private clouds.

For applications that do not demand 24x7 activity, we'll evaluate the feasibility of moving them to the best solution in order to further reduce costs. We'll also automate repetitive operational processes using Infrastructure as a Code.

Gaps Frontier will help close:

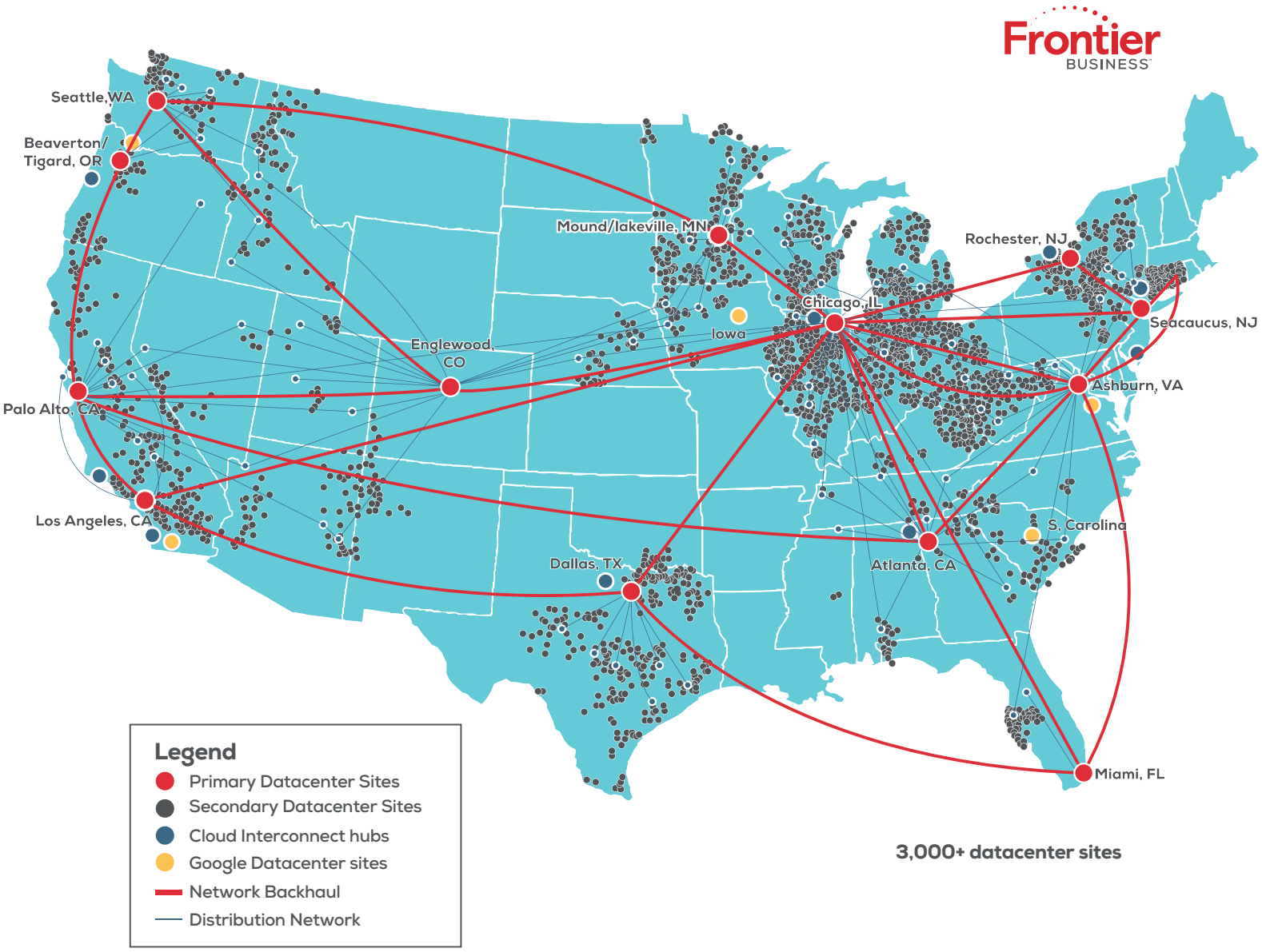
There is a widening gap in between the CIO/CEO expectations and Operations delivery of agile-based digital transformation. Frontier can help **close this gap.**

STAGE 3 – TRANSFORMATION

We will work with you to ensure you **create increased value** for your organization. We'll help you answer: What is the next stage of my business applications?

DevOps as a Service automation starts with improving operational efficiency and leads to releasing untapped business value by gaining advantages from artificial intelligence (AI), machine learning (ML), edge computing, and cloud native infrastructure.

Gaps Frontier will help close:

Staff skills required for advanced technologies, serverless and edge computing, and AI/ML technologies are often absent in today's workforce. We have these skills in our team and will help you.

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