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### Low-touch relentless cloud optimization

## \$20B annual waste in cloud infrastructure

### Complex tools and monthly manual cycle



Users workload changes every minute

Requires understanding of platform & app architecture

Requires deep knowledge in cloud infrastructure

200% Kubernetes growth YoY, but hard to balance its capacity and performance



# Low-touch, relentless optimization for Kubernetes using Al

- Application & KPIs centric
- Realize optimizations 20x faster
- Save without wasting engineering cycles

# How It Works

- Connect infra to Magalix Single command line
- 2 Magalix Al learns, predicts and correlates metrics Within 2 hours
- 3 Magalix executes scalability recommendations Up to 24 times a day

Self-served SaaS, or Self-hosted Enterprise



# How can Magalix help?



## Where Are You in the Cloud Native Journey?

Typical phases of private/public cloud journey

DAY 0 - Get infra ready to serve business needs: security, reliability, and efficiently

DAY 1 – iterate fast with right capacity: CI/CD and monitoring

DAY 2 – Get the maximum ROI out of cloud enabled-services and infra





# Plan Infrastructure and Applications Modernization

DAY 0 - Kubernetes + Containers

We help with

Spin up fast cloud agnostic Kubernetes Ship fast with the CI/CD integration The right visibility of all stack layers Educate the team to independently innovate





# Accelerate Migration With The Right Strategy

DAY 1 – Containerize Workloads

We help with

Containerize applications

The app fabric: discovery, security, networking, etc.

Team onboarding & knowledge transfer







# Maximize The Value Of Apps And Infrastructure

### DAY 2 – AI to maximize value of apps and infrastructure

360 view of resources utilization and apps performance Low-touch Al-powered optimization Full control on resources management

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### Magalix Value Framework

Innovation Maximize Workforce Operational Savings & ROI Productivity Resilience Agility Reduce idle Focus on Reduce outages Leverage cloud What is it? infrastructure with differentiating with clean native tools without vendor lock in Al-driven capacity tasks and the big abstraction of infrastructure picture management Up to 50% reduction Save hundreds of hours Run containerized **Right operational** with containers on tedious resources elements provisioned workloads on Al-Examples and Al-monitored placement, right sizing management tasks. managed Kubernetes VMs, & cost modeling with adaptive management policies



### Use Case of Value Realized



One of the largest cardiovascular management platforms in the US. AWS inefficient VMs model. Containerized and Al-Managed K8s

	Maximize Savings & ROI	Workforce Productivity	Operational Resilience	Innovation Agility
hallenges	10-20% efficiency. Stuck with current model. Waiting to rearchitect their stack	1-2 months to on-board a new customer.	2-3 hours to recover from outages	Customized manual deployments
esults	50% cost saving. No code changes required.	< 1 week to onboard a new customer	~10 minutes recovery time. Reduced outages 10%. A single dashboard	Containerized workloads, CI/CD integrated with K8.



#### 4 days recommendations

<b>124</b> containers	processed <b>68</b> times
✤ 8241 Decision	ns <b>0</b> Executed
Carriera	
Savings	
9.10K cores	<b>7.27</b> TB
9.10K cores	7.27TB
<ul> <li>9.10K cores</li> <li>Improvements</li> <li>261.78 cores</li> </ul>	<ul><li>7.27TB</li><li>459.05GB</li></ul>

Real customer cluster-15 nodes production cluster

#### 40% compute Savings (~\$10k yearly savings)





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"We were very impressed with the technical competence and the white glove treatment we received so far." CTO — Medstreaming

## Microsoft

"The value of AI and what Magalix has done is really taking this human judgment and automating it in a way that is more proactive than reactive." GM - Microsoft