



APPLICATION OPTIMIZER CLOUD COMPUTING

Software Solution

Nima Gougol, CEO

 **Clouptima Inc.**

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PROBLEM

- Enterprise applications experience bottlenecks and may even crash.
- Microchip simulations can require, ranging from several days to a month.
- Doubling resources might yield only a 20% performance improvement.



SOLUTION

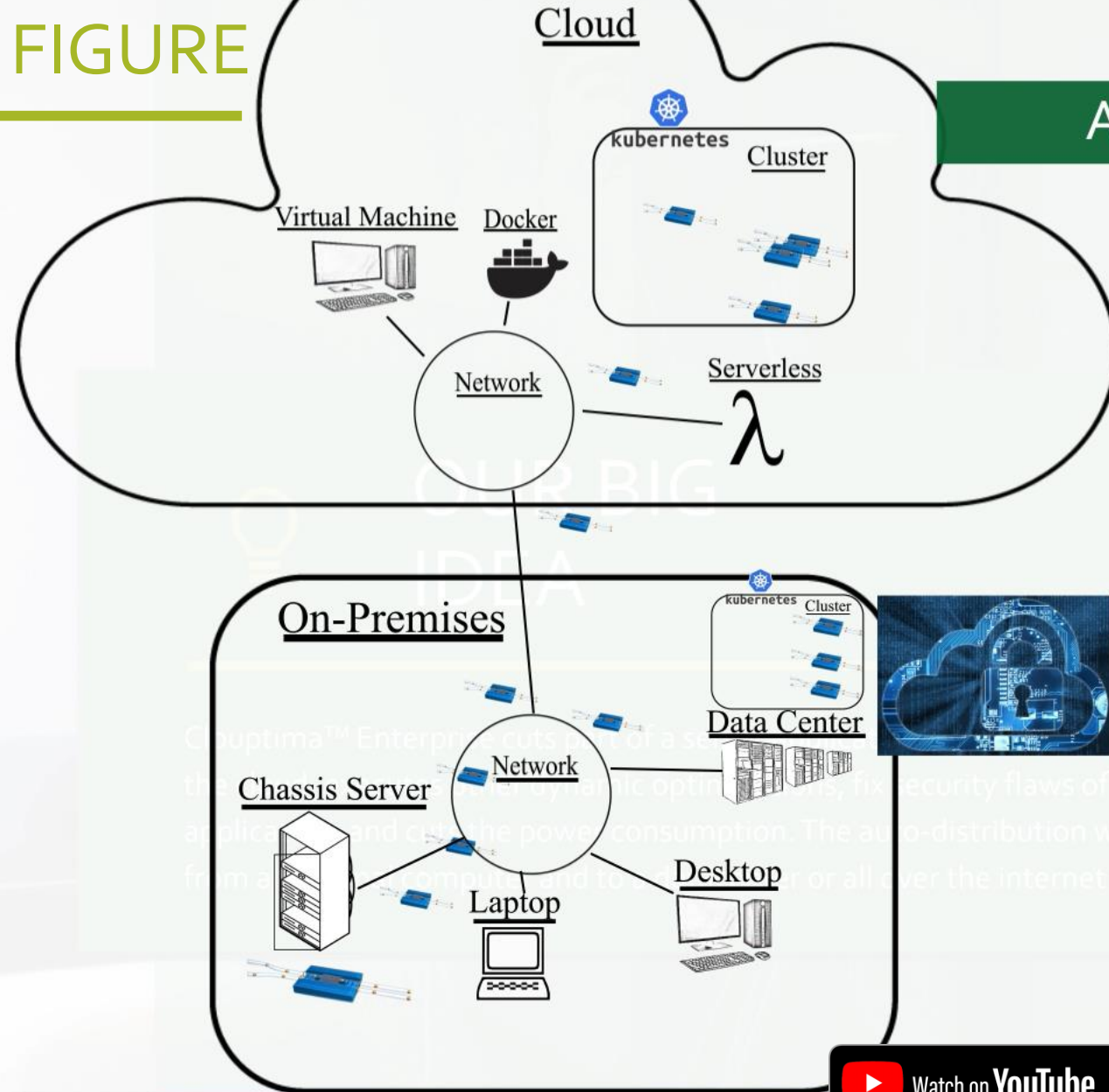
- Converting components of the app to Kubernetes microservices on the fly.



OUR BIG IDEA

Clouptima™ software optimizes any application 10x faster by auto parallelization across the on-premises and the cloud. Enriches monolith apps with Kubernetes's orchestration and crash recovery.  More dynamic optimizations, security patches, and power management, incorporating AI.

FIGURE



Auto-parallelization

1000x

RESOURCES

at peak

1/2

RESOURCES

overall

1/10

RESOURCES

at target server

10x



MICRO SERVICES



CRASH RECOVERY



POWER MANAGEMENT



- Data center's electricity has become cause of global warming.
- Distributed computing reduces individual CPU heat.



PRESENT



**Together we can fight
GLOBAL WARMING**



FOUNDERS



Nima Gougol

CEO , Principal Engineer

20* years designing programming languages.



Zahra Hashemipour

CFO

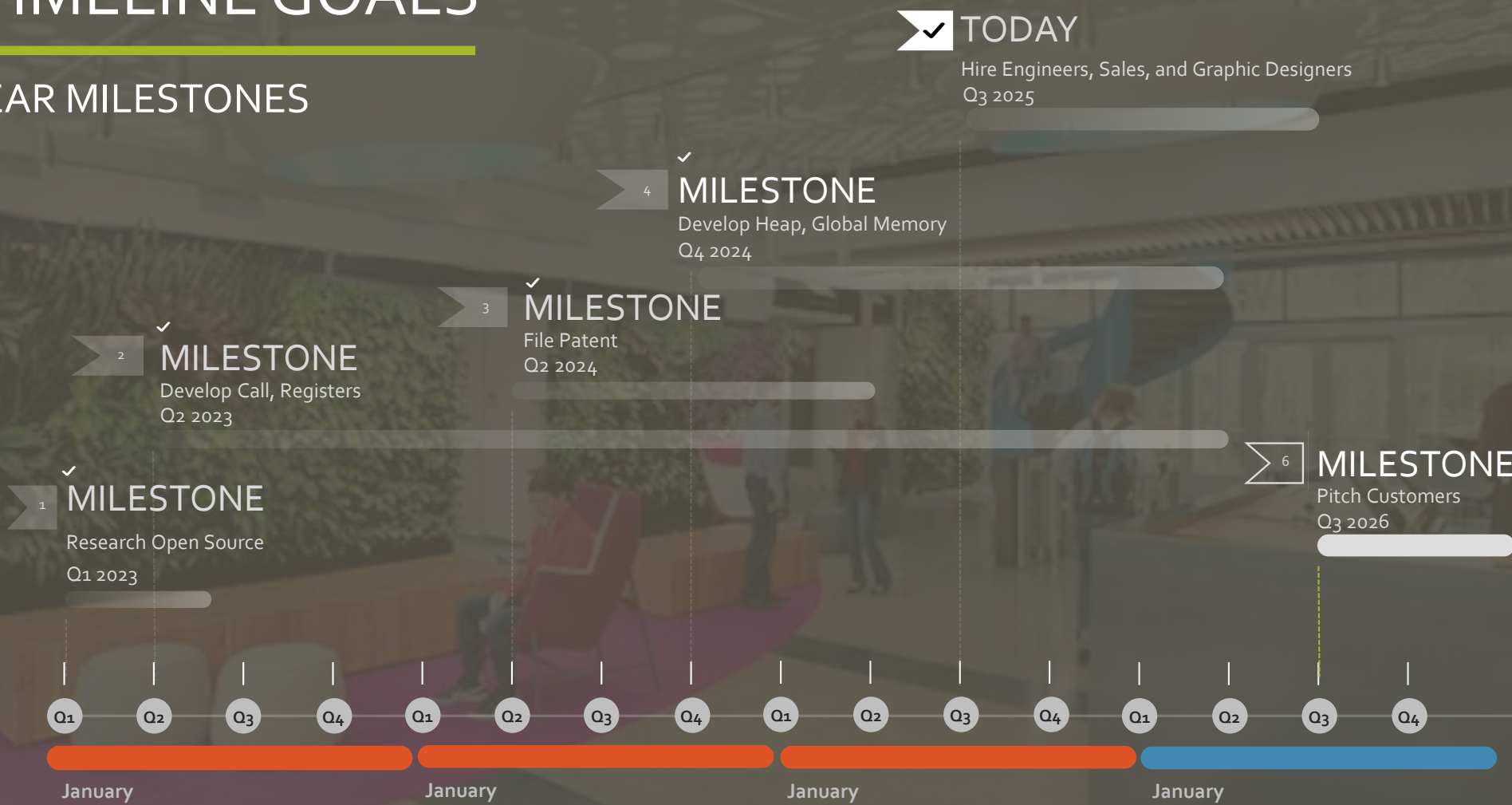
Used to be pharmacy manager.



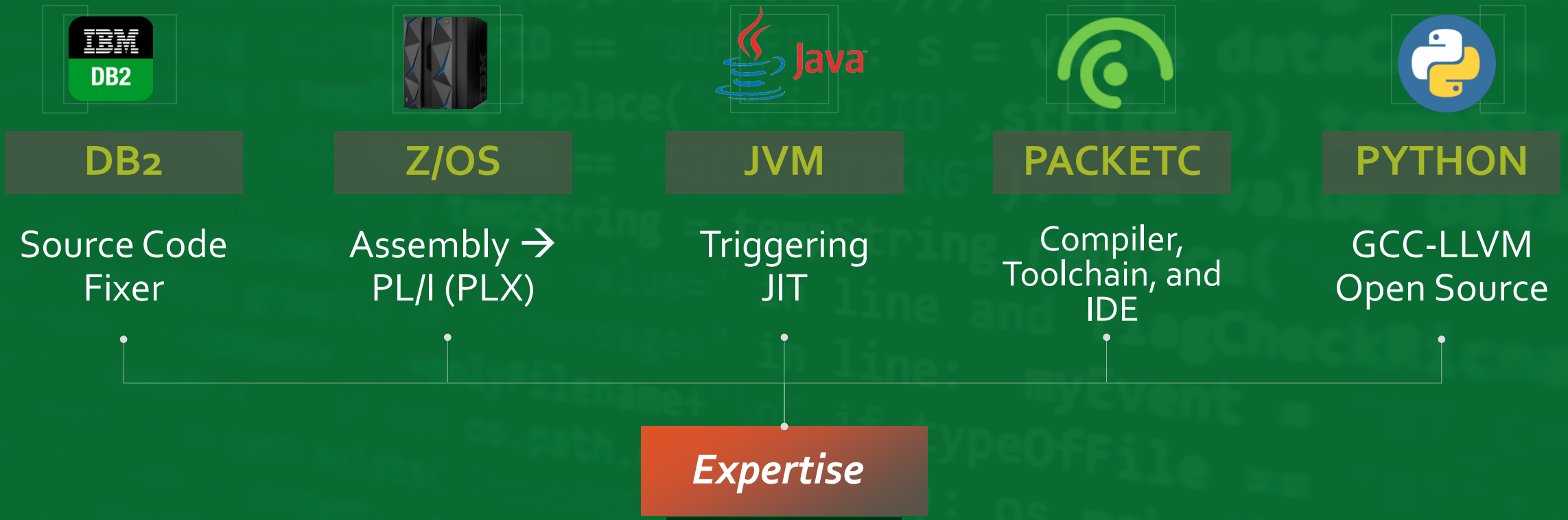
* Focus since beginning of master's program in 2005

KEY TIMELINE GOALS

FOUR YEAR MILESTONES



NIMA'S BACKGROUND



THE TEAM



Nima Gougol

CEO , Principal Engineer



Shubham Sondhi

Software Engineer II



Zahra Hashemipour

CFO



Steve Harris

Small Business Administration Mentor



Alvin Cheung

UC Berkeley Professor



Andrew Lloyd

Patent Attorney



Nick Francis

Corporate Attorney

TRACTION

LETTER OF INTENT



University of California
San Francisco



“

If you can cut our IC simulation time to a few hours (from couple days or a month)? If you can let us utilize computing power of the cloud in secure, isolated, and confidential way? Can't wait to see what difference your solution will bring to our department and will strongly suggest our VP to consider buying your technology.

-Behrouz Nakhkoob
Senior Principal IC design Engineer



“

As a physician who is avid user of cloud system in medical field, I see the imminent need to optimize the cloud to run it faster. I would highly recommend to our hospital CEO to purchase this system when it hits the market.

-Amir Gougol
Gastroenterologist & Transplant Hepatologist



“

Nima, your company's optimizations are novel and incomparable. I will give my strongest vote so that WestFab Mfg. Inc., our mid-size business closes any deal with Clouptima Inc. at any price when you guys start supporting Windows.

-Matt Larson
VP of Operations



BUSINESS MODEL



License



Online management console.

Manual installation as well.

Available on AWS Marketplace.

Free version on Docker Hub,
`docker run <options> clouptima -e app`

Clusters on customer's AWS.

Clusters on on-premises too.



Service

Users sharing on-premises.

Airbnb of cloud computing.

Collective crypto mining.

Airbnb of crypto mining.

Providing AWS seamlessly.



Support

Classes of platinum and silver (free).

Prioritizing customers' requests.

Troubleshooting.

Introducing our partners.

Cloud computing consultation.

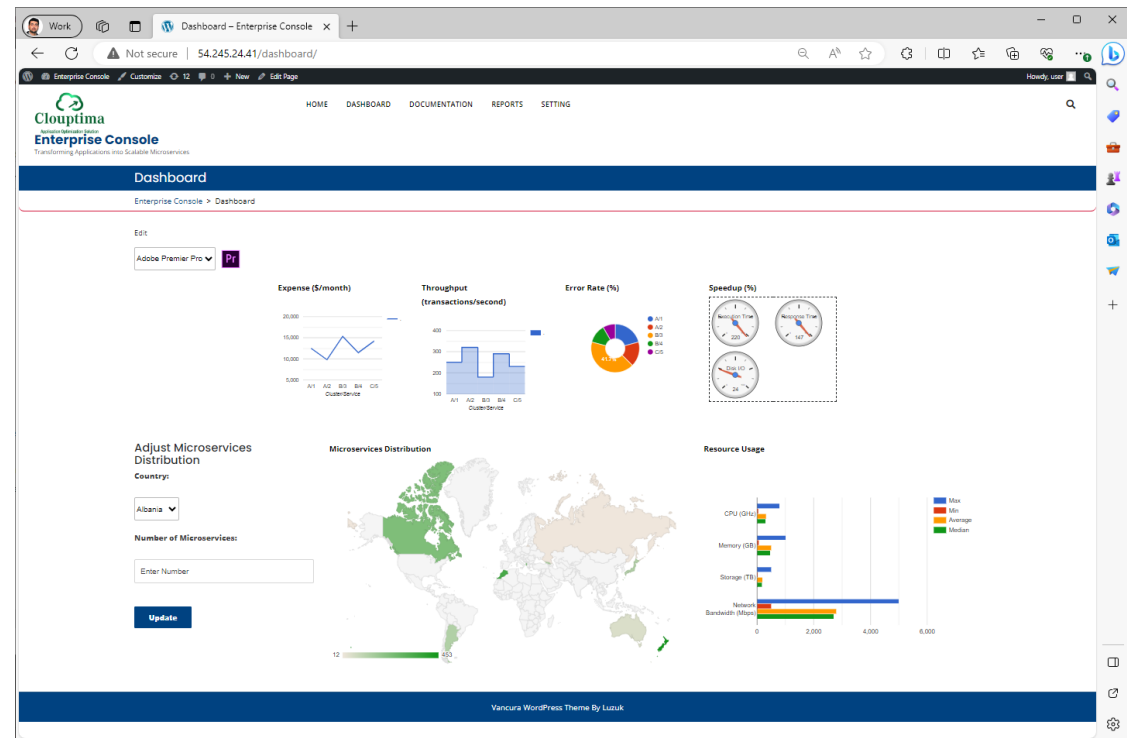
AWS customization.

PRICING

\$3,000* per server or cloud cluster per month



*Based on customer feedback.

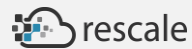


MAJOR COMPETITORS



None – o MILE

Companies optimize at programming language level or at platform level and we **at application executable level.**



Not Equivalent – o MILE

Partnership opportunity.



OUR IP

uspto

UNITED STATES
PATENT AND TRADEMARK OFFICE

APPLICATION #
17/814,528

- ▶ Utilizing 1,000 CPUs instead of 1 CPU at peak hours.
- ▶ Distributed memory, using Redis.
- ▶ Reducing the wait time between processes.



OUR IP

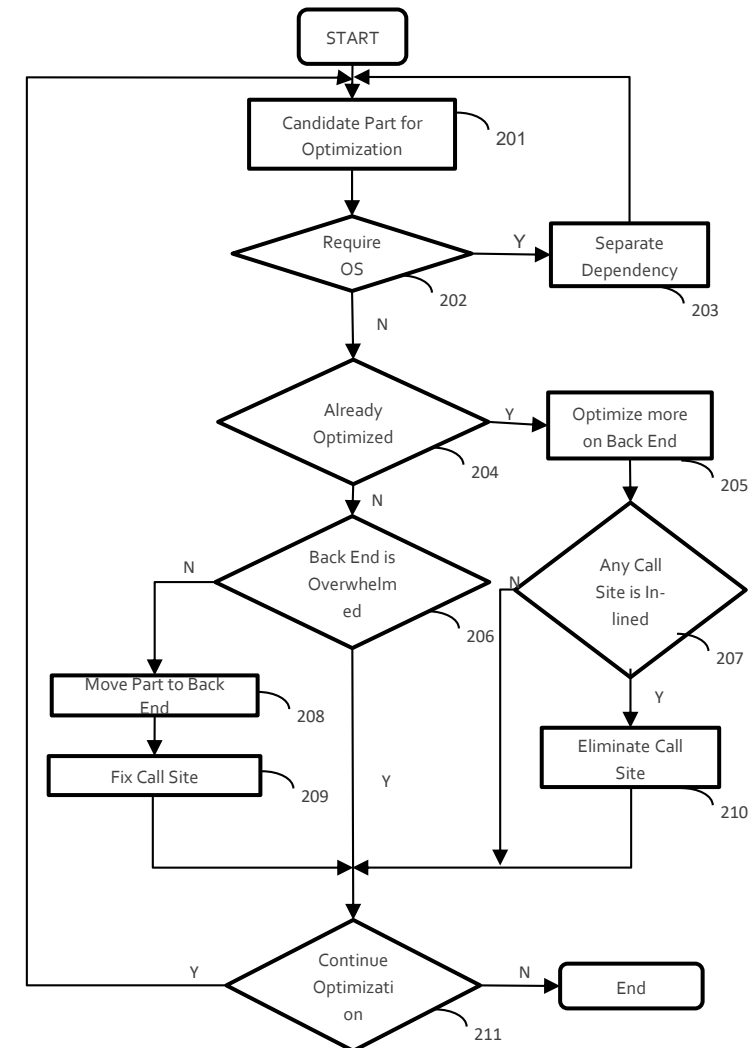
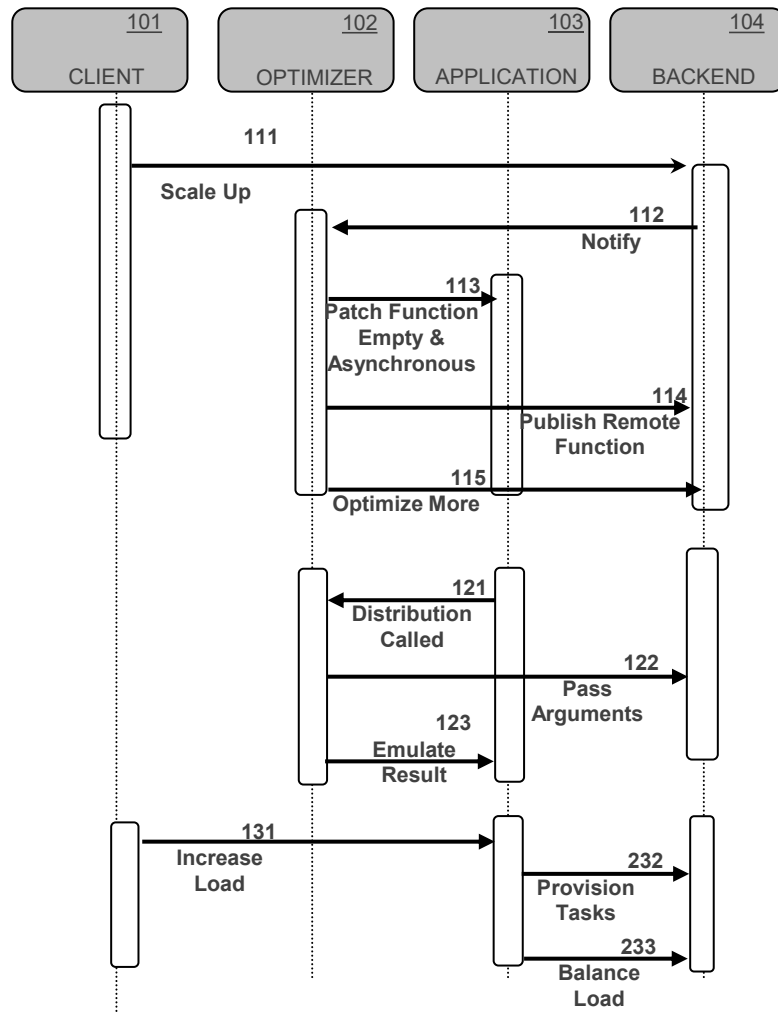


UNITED STATES
PATENT AND TRADEMARK OFFICE

APPLICATION #
17/814,528

- ▶ Using algorithms of dynamic optimization from compiler design. 
- ▶ Fixing security flaws by patching obsolete APIs, etc. 
- ▶ Cutting power consumption by compressing data in memory, etc. 
- ▶ Incorporating machine learning. 

TECHNICAL APPROACH



OUR SERVICES



Extended Office Hours

Mon - Sat: 6:00AM to 9:00PM

24/7: Live Chat on Website



Call-in Consultation

We will help using MS Teams and screen sharing.



In-field Expert

We will be there before going live.



Frequent Upgrade

We will make it more robust and efficient.

ROADMAP

FOLLOWING FOUR YEAR

✓ FOUR YEARS FROM TODAY

Develop Power Management Enhancement
Q3 2029

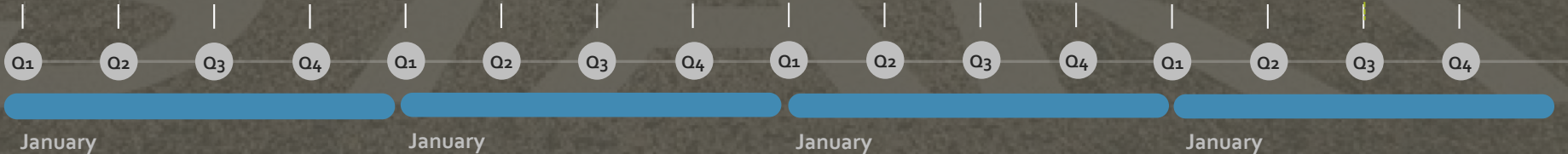
✓
4
MILESTONE
Develop Security Monitoring
Q4 2028

✓
3
MILESTONE
File Extra Patents
Q2 2028

✓
2
MILESTONE
Incorporate Machine Learning
Q2 2027

✓
1
MILESTONE
Develop Extra Dynamic Optimizations
Q1 2027

6
MILESTONE
Develop Security Patch Enhancement
Q3 2030



```
Ran foo4() for 10000000000 times  
Ran foo() for 100000 times  
Ran foo1() for 10000000000 times  
Ran foo2() for 10000000000 times  
Ran foo3() for 10000000000 times  
Ran foo4() for 10000000000 times  
back to main
```

PROTOTYPE / ALPHA

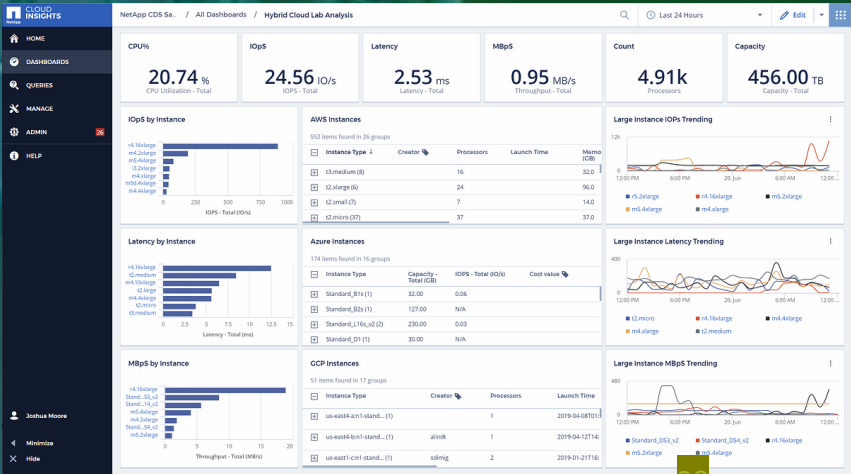
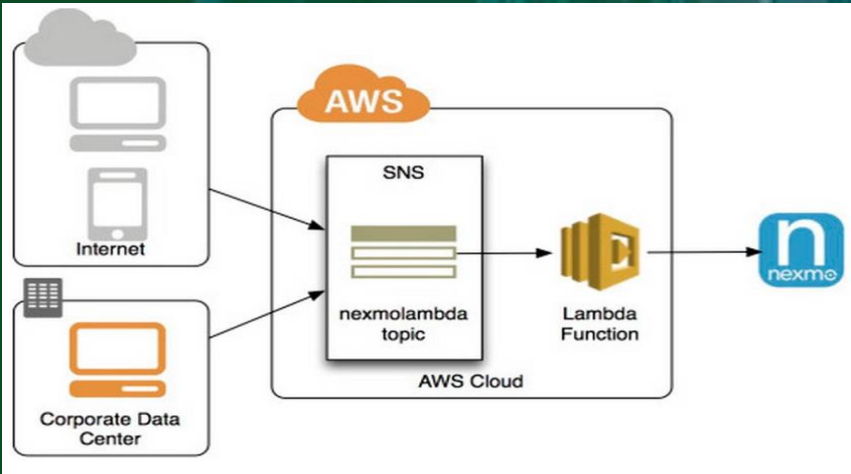
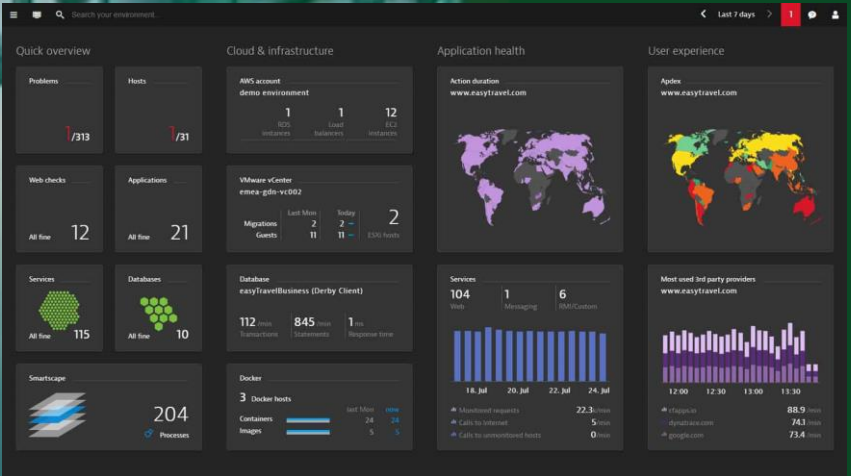
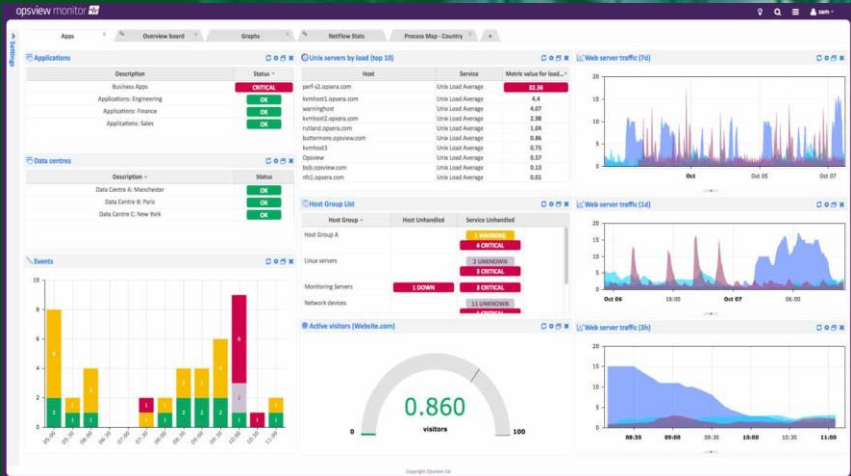
AWS ON-PREMISES

```
[nima@ip-172-31-13-25 bin]$ cloudware -e ./foo  
Ran foo() for 100000 times  
Ran foo1() for 10000000 times  
Ran foo2() for 100000000 times  
Ran foo3() for 1000000000 times  
Ran foo4() for 10000000000 times
```


PROTOTYPE / ALPHA

AWS, ON-PREMISES

Clouptima™
Enterprise inherits
every AWS
appliance





INVESTMENT OPPORTUNITY

\$0.5* pre preferred stock.

* Based on existing intellectual property.

GO TO MARKET



Affiliate

- Strategic partnership with a cloud service provider, **co-building** and co-selling
- Co-selling with data center providers, and enterprise software providers



Outsourcing

- Lead generation companies, such as CIENCE, SalesRoads, and Sales Outsourcing Pros
- Marketing companies like N3 part of Accenture, MarketStar, and Intelemark



Network

- Experienced salespeople with validated customer networks
- Share holders' and employees' connections



Website

- Keywords of accelerate EDA simulation, accelerate enterprise application, migration to micro services architecture
- Keywords of off-loading to the cloud, cloud computing optimization, dynamic optimization, auto-parallelization



App Store

- AWS Marketplace
- Docker Hub, free express version



Social Media

- LinkedIn content suggestion
- Ads



Academy

- Conferences

INDUSTRY OUTLOOK



91%

Average
Business Who
Use Cloud*



\$495B

Cloud
Spending



65%

Average
Profit Margin



\$12M

Average Annual
Revenue per
Business



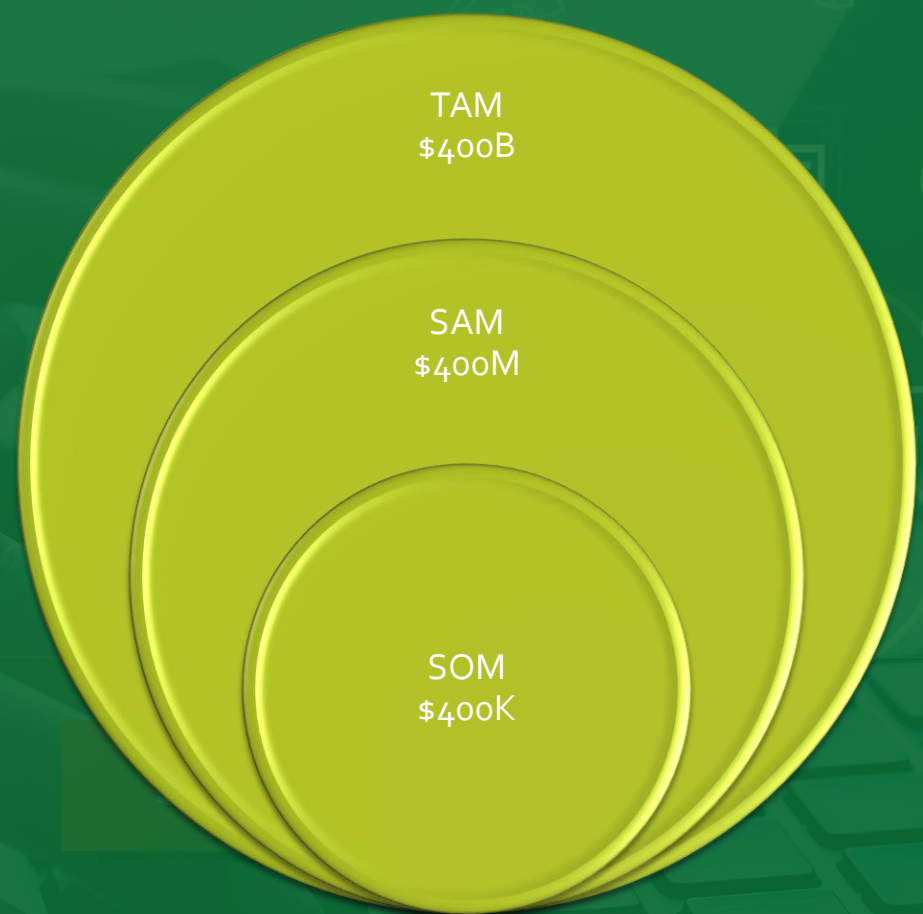
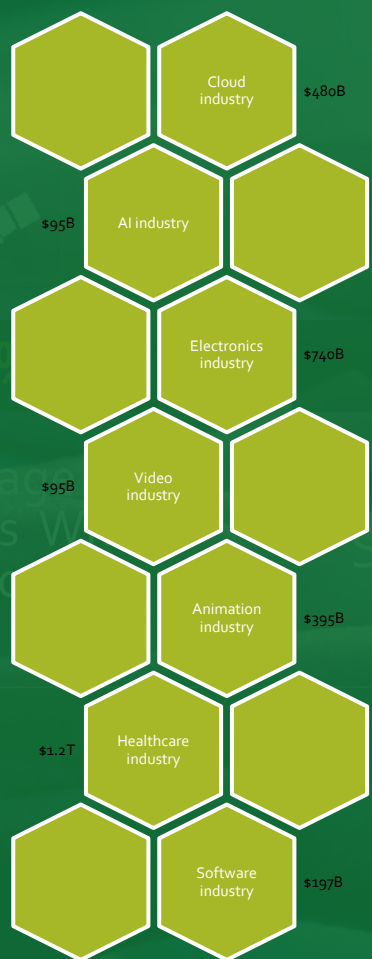
28.6%

Market Growth
Per Year

Success

* According to Right Scale's Annual State of the Cloud Report

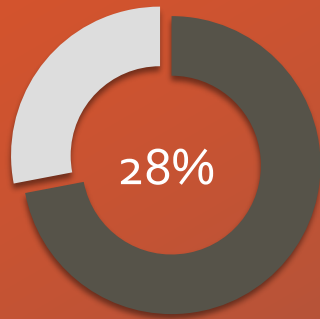
MARKET SIZE



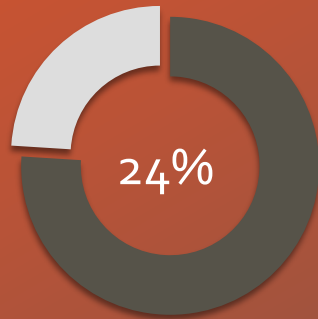
* According to Right Scale's Annual State of the Cloud Report

THE MARKET

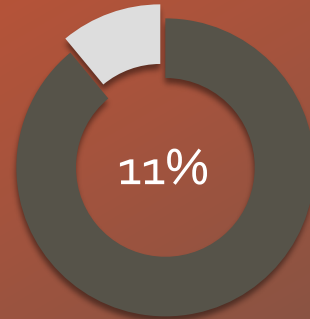
CUSTOMER SEGMENTATION



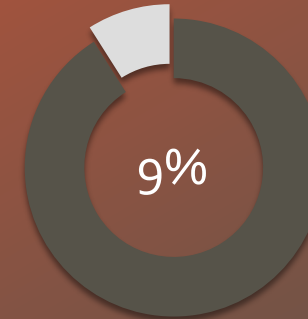
Cloud Users



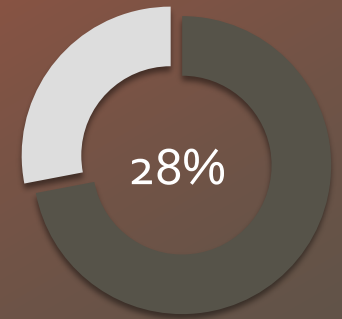
Developers



Cloud Providers



Service Providers



On-premises Users

Services	YR 2026	YR 2028	GROWTH	YR 2030
Cloud Users	\$445,464	\$3,633,787 *	371%	\$29,641,914
On-premises Users	\$577,464	\$3,633,787	371%	\$29,641,914
Cloud Providers	\$168,969	\$1,998,333	283%	\$11,243,485
Developers	\$437,938	\$2,756,666	415%	\$22,486,970
Service Providers	\$198,247	\$1,127,727	371%	\$9,199,215
TOTAL	\$1,828,083	\$13,150,299		\$102,213,498

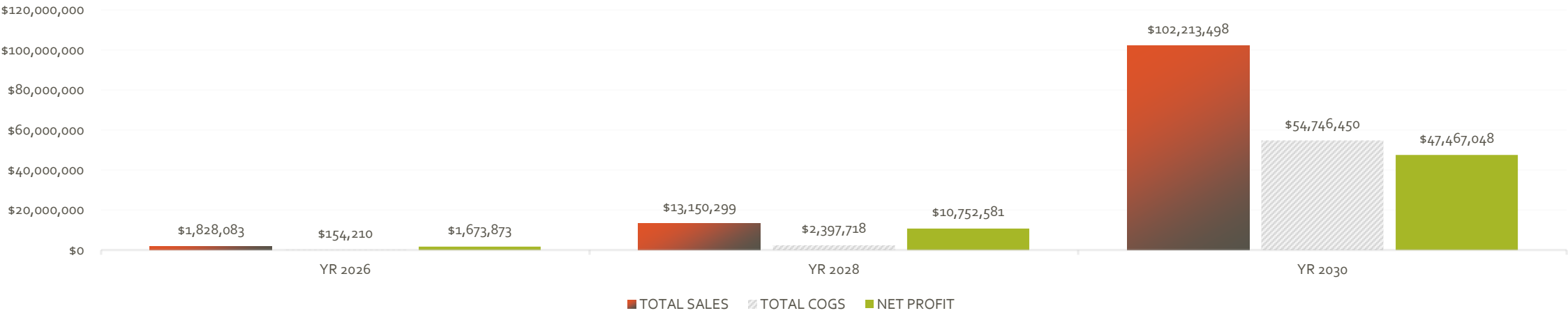
*Based on the letters of intent and equivalent sales on internet.

EXIT STRATEGY

REVENUE, IPO

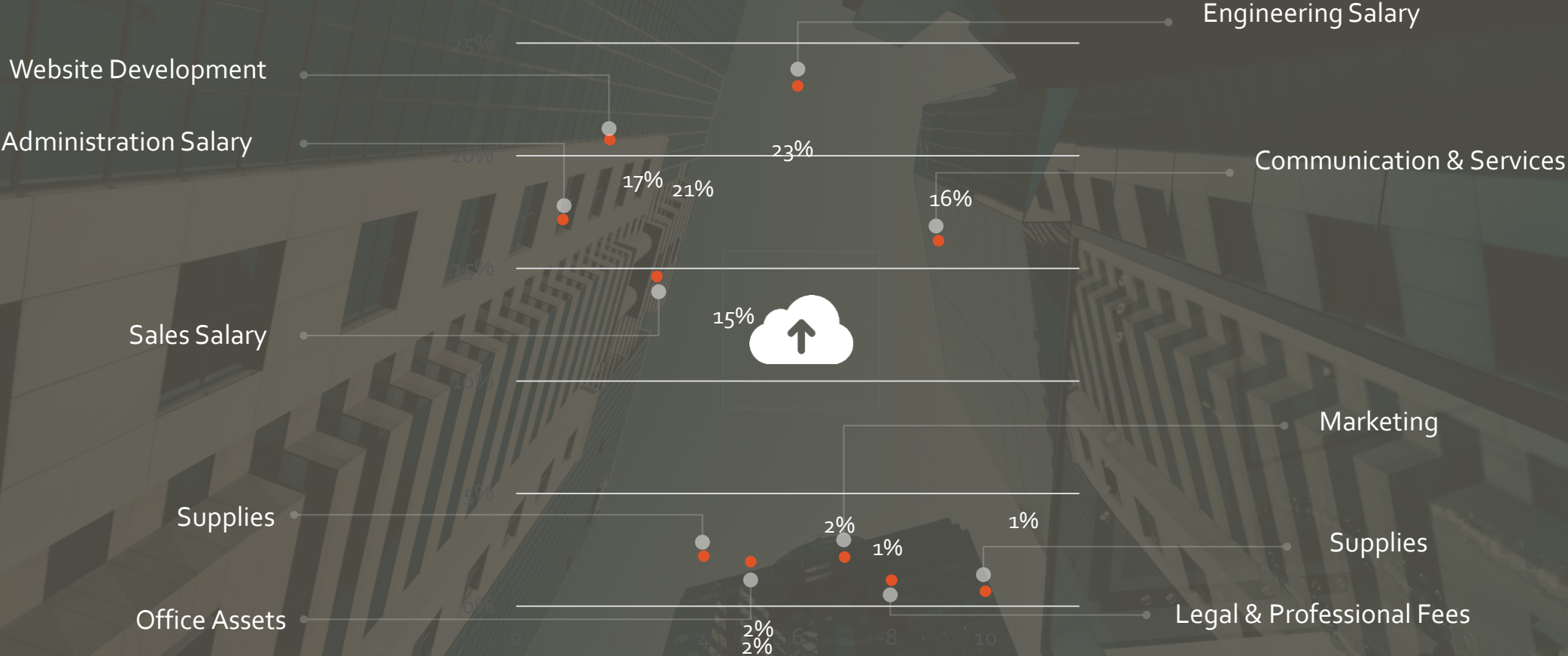
SALES SUMMARY	YR 2026	YR 2028	YR 2030
TOTAL SALES	\$1,828,083	\$13,150,299	\$102,213,498
TOTAL COGS	\$154,210	\$2,397,718 *	\$54,746,450
NET PROFIT	\$1,673,873	\$10,752,581	\$47,467,048

Annual Sales & Gross Profit



*Based on 13 engineer employees in 2025 with salary of ~ \$90,000.

EXPENSES



THANK YOU



Nima Gougol

CEO



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