

**Planetary Utilities**

# Accelerating Engineering

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## Johannes Gross

### *Founder CEO*

- Phd in aerospace
- 7+ years at NASA
- Flight hardware on Mars and ISS



## Robert Karban

### *CTO*

- Decades of Industry Experience
- Delivered large control systems
- Renowned Expert





# Rapid growth in software applications

Google

NETFLIX

Uber

facebook

amazon

## Cloud Services

Storage

Compute

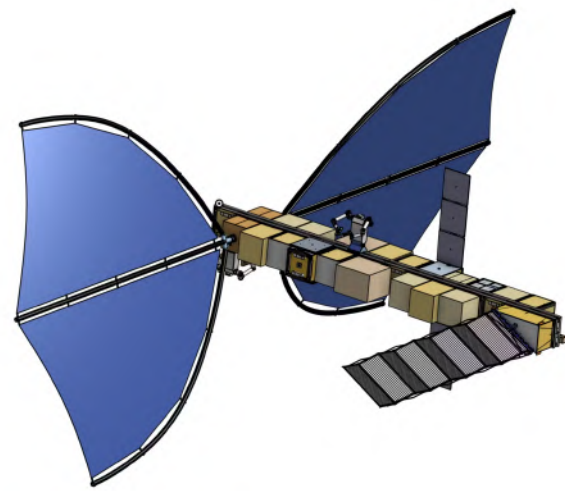
Networking

Authentication

etc...

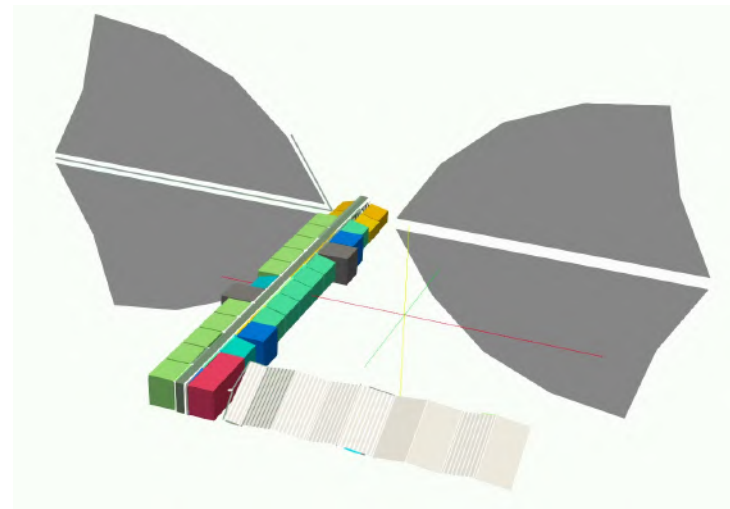
# Slow progress in hardware applications

**Data Silos**



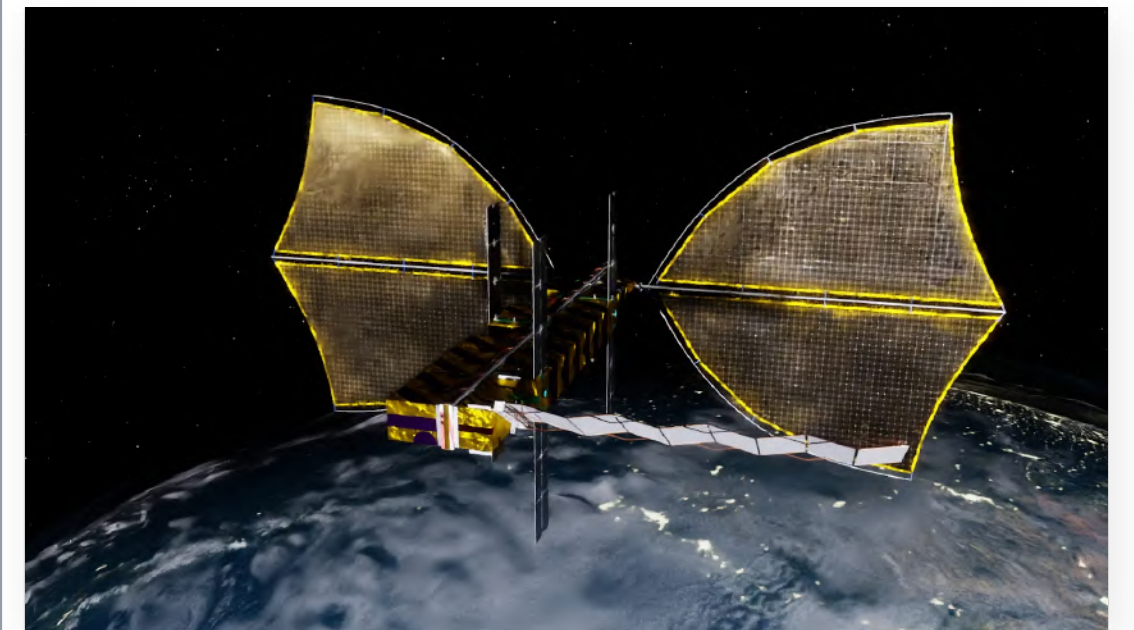
**CAD**

**No workflows**



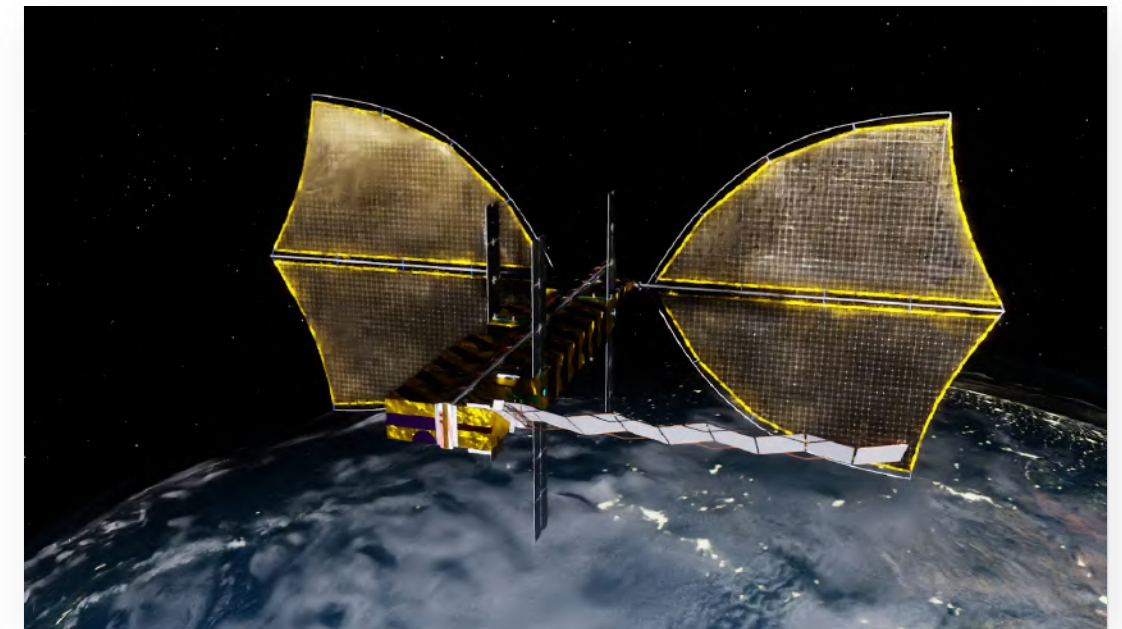
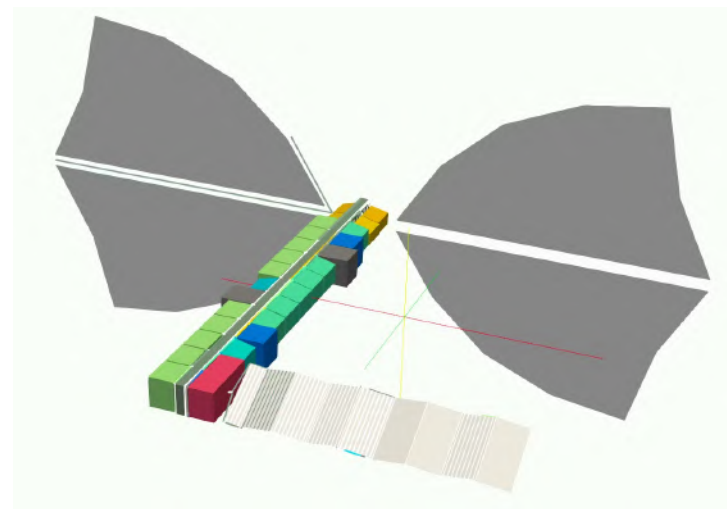
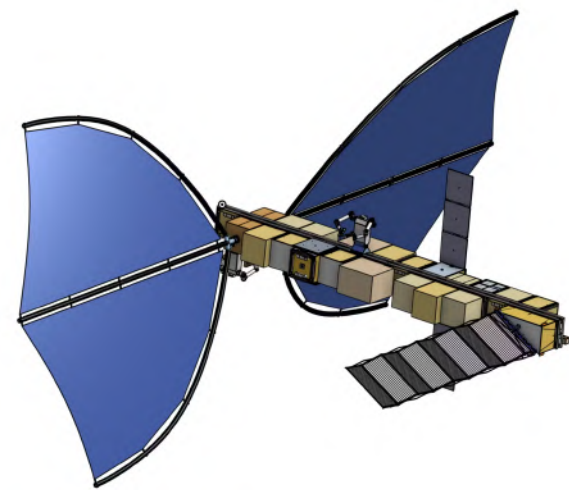
**Thermal Simulation**

**Costly interfaces**



**Visualization**

# We're building shared infrastructure



## Design Language

**CAD Service**



**Thermal Service**



**Visualization Service**



# Competition



**Dassault**



**PTC**



**Siemens**



**Ansys**

## **Incumbents**

- Good distribution
- Broad tool chains
- Large momentum
- No underlying architecture



# Business Model

**Browser-based, on-prem AI platform**

- 1 Land**  
Start with a focused use case - SysML AI Agent
- 2 Expand**  
Grow across disciplines and data silos
- 3 Integrate**  
Connect to existing tools and workflows

## Revenue Model

Annual enterprise license, scaling with usage, teams, and integrations

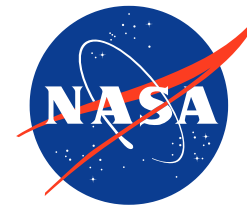
**~1k per user/year**

# Market + Traction

## 2 Phased Go-To Market:

- 1 **Software**  
Traction with pilots!
- 2 **Hardware**  
Strong interest from customer base

### Hardware Customers:



### Software Customers:

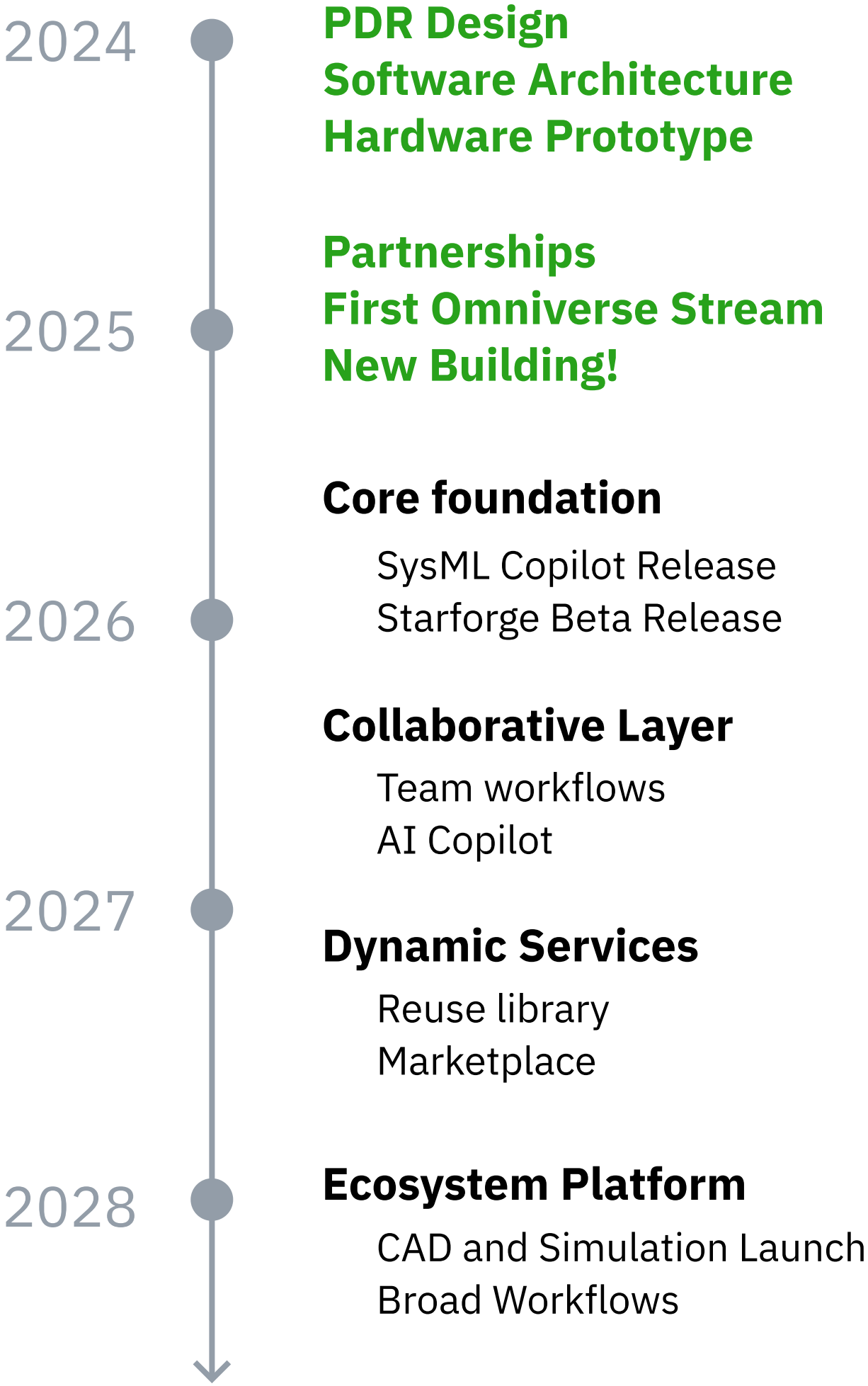


### Partners:





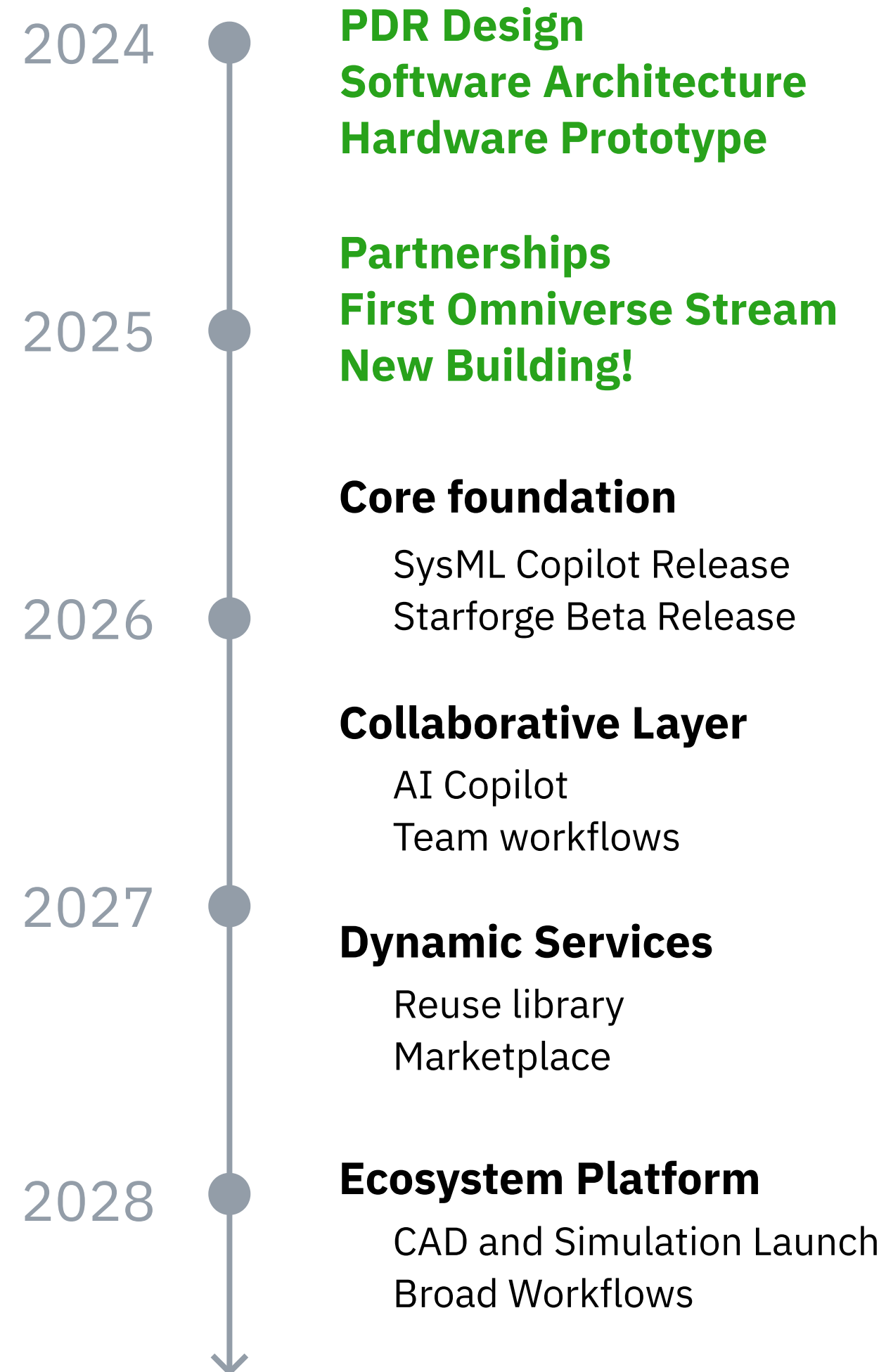
# Roadmap





# Roadmap

**\$4m**  
***funding***  
***round***





# Planetary Utilities

## Engineering Service Platform



