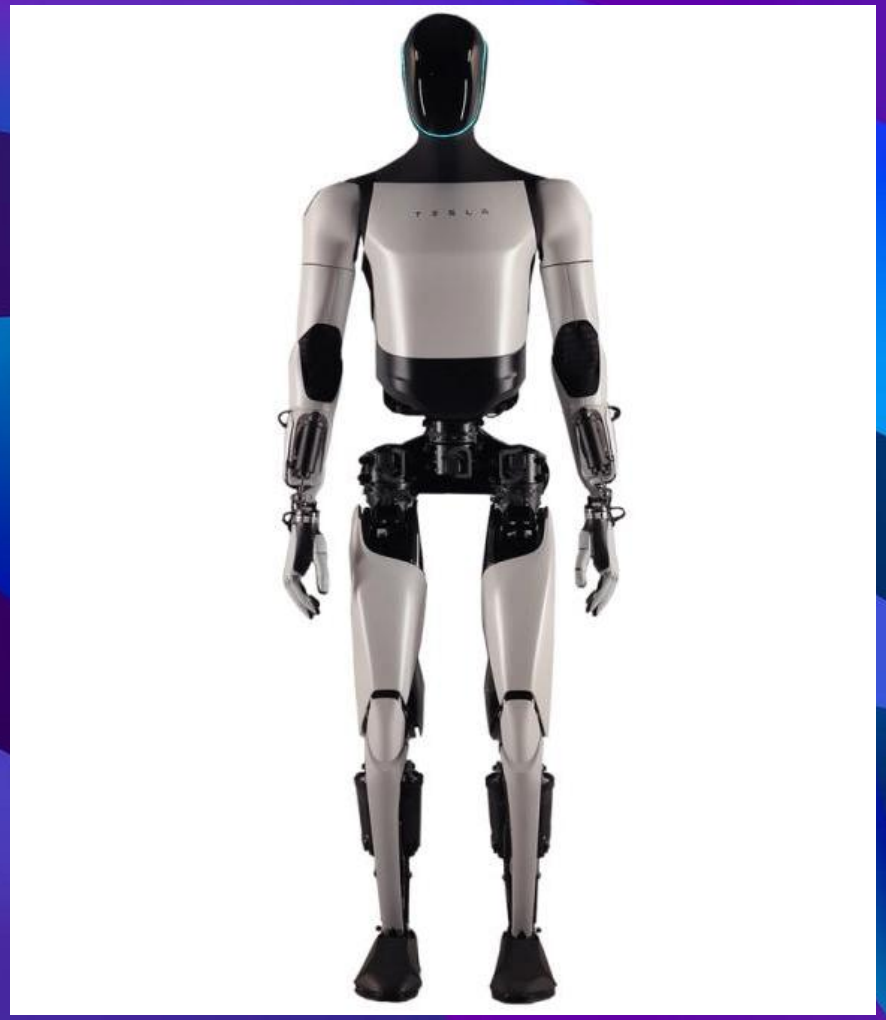
# EMERGENCY-ROBOTICS

## OPTIMUS IN THE EMERGENCY DEPARTMENT



# THE OPPORTUNITY

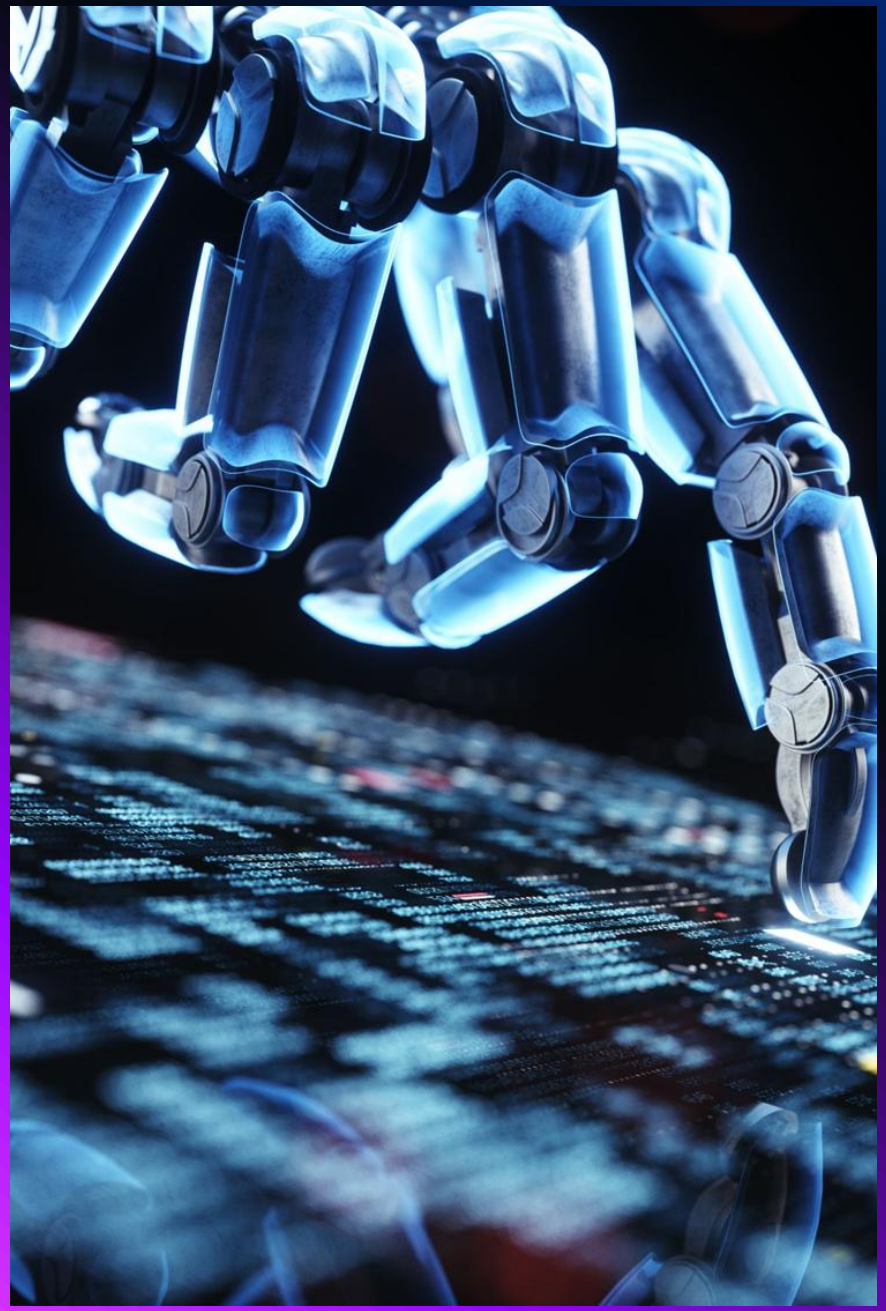
## ROBOTS ARE COMING!

**Tesla’s Optimus expected in 2026–2027**

Emergency department workflows are unique requiring specialized training to ensure safe and effective use

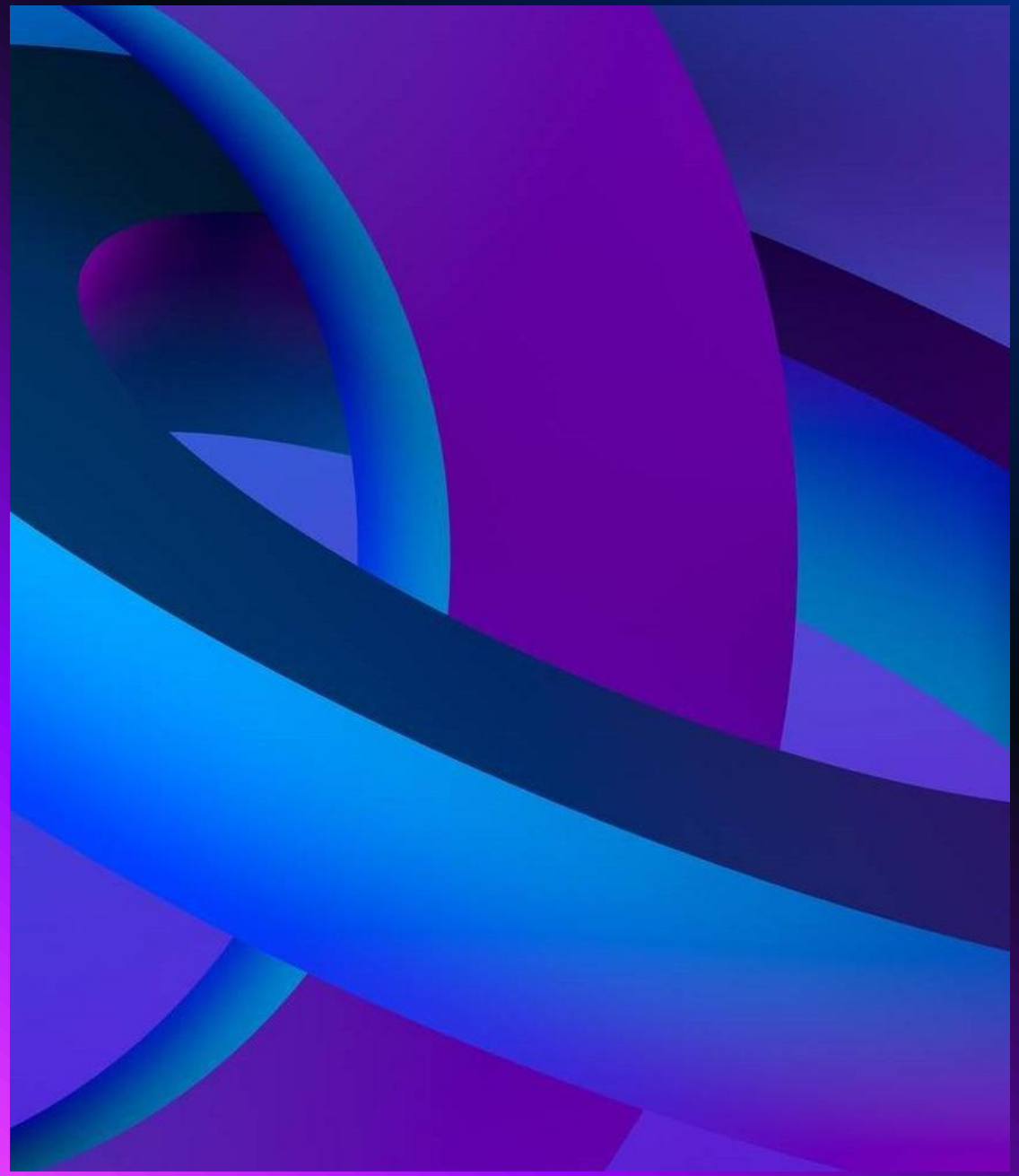
# THE PROBLEM

- Nationwide ED staffing shortages, especially nurses
- Burnout from repetitive tasks
- Skilled staff diverted from high-value patient care
- Increasing complexity in emergency medicine requiring AI support
- No formal curriculum to support ecosystem



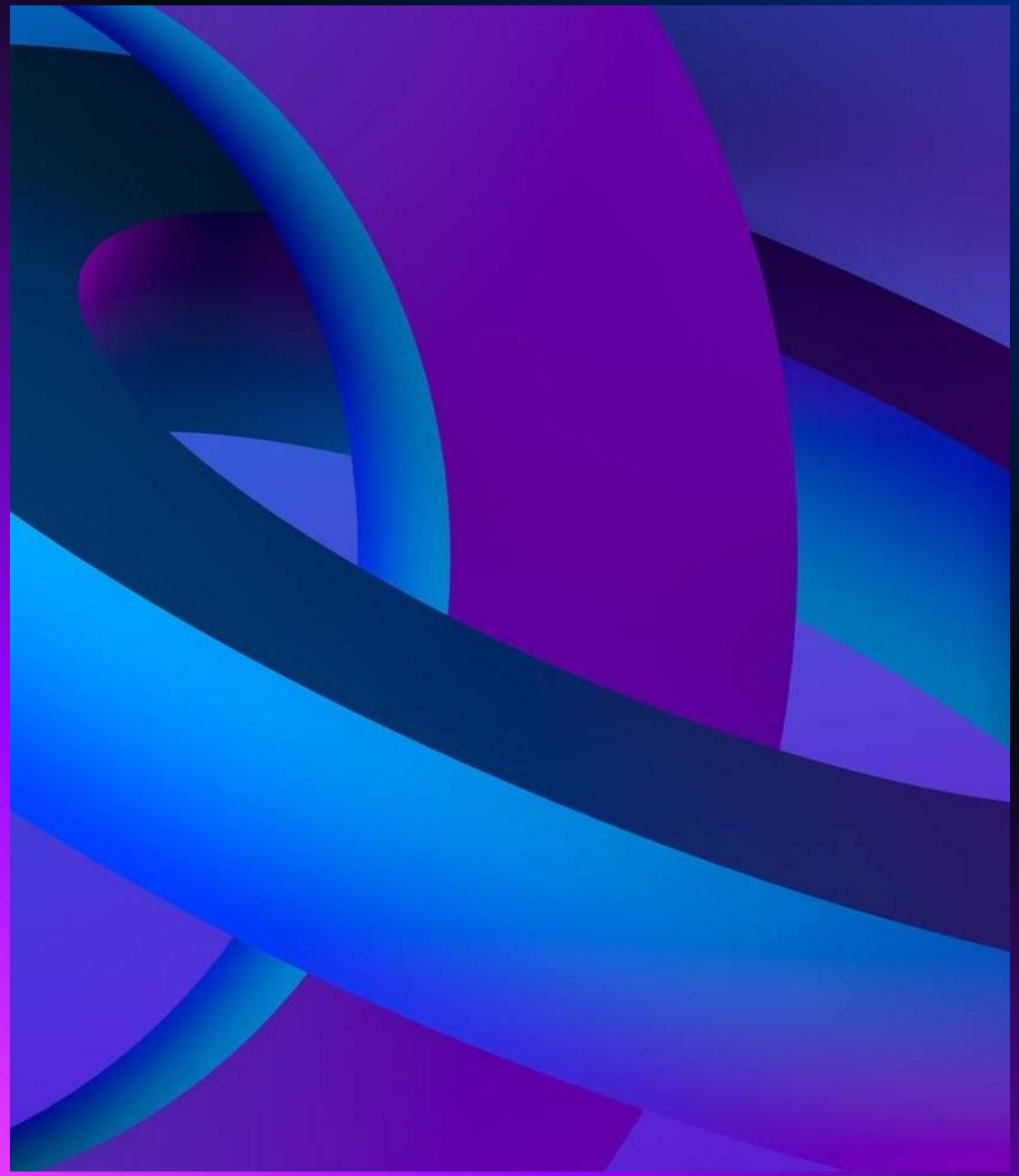
# DUAL SOLUTION

- Create an ecosystem to deploy and train Robots to help Techs, RN’s and MD’s in the Emergency Department
- Simultaneously outline a curriculum to fill that ecosystem



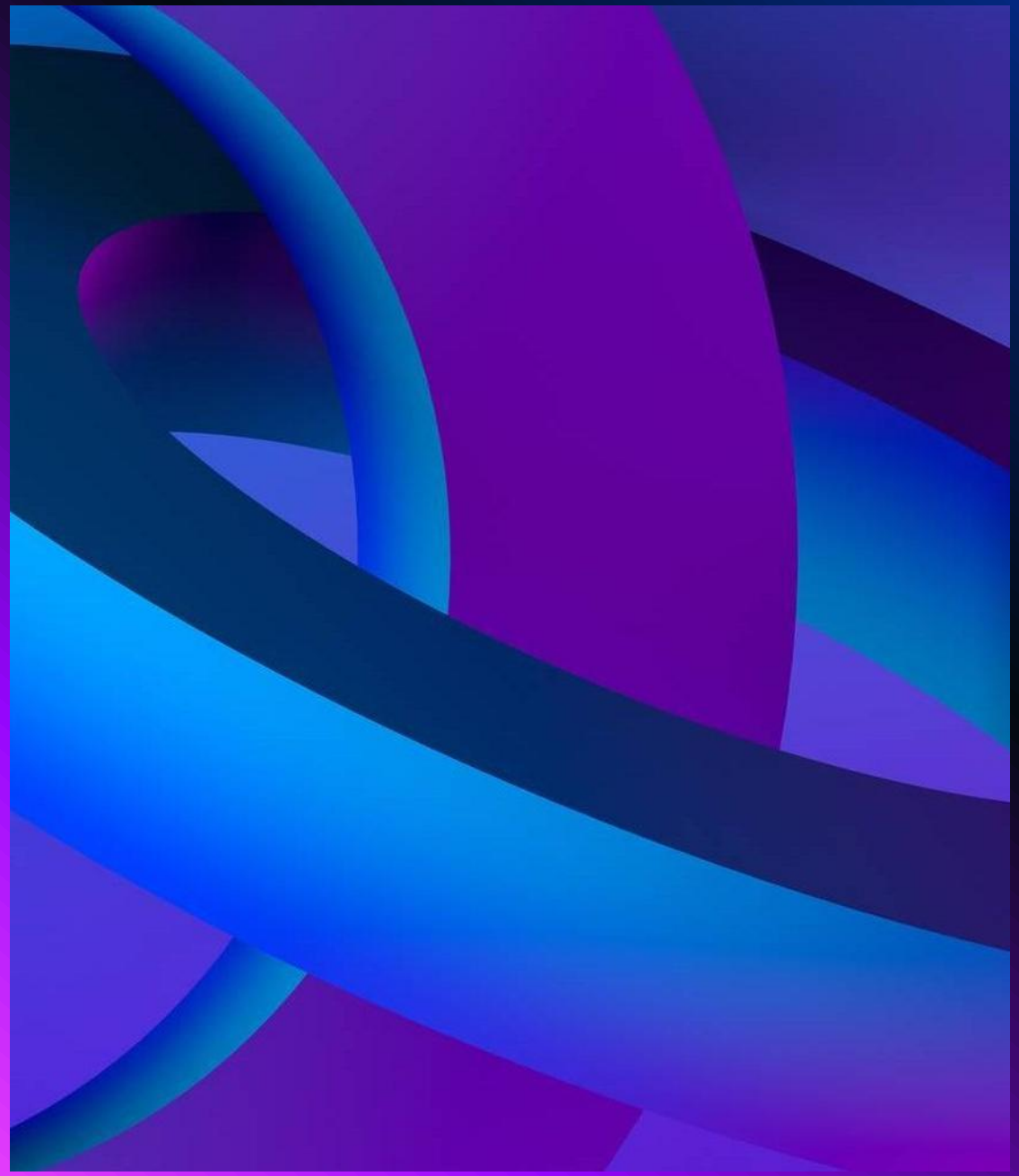
# TECH SUPPORT

- Clean and prepare patient beds
- Set up procedure kits (e.g., suture trays, central line kits)
- Transport patients



# NURSE SUPPORT

- Deliver medications securely
- Assist physicians
- Provide status updates
- Possibly integrate with EMR to minimize nurse data entry



# PHYSICIAN SUPPORT

- Take patient histories
- Generate differential diagnoses
- Recommend appropriate tests

# THE MOAT

- Enterprise API License from Tesla
- No training data leaves the company
- Training protected by trade secrets and potential patents

# IMPLEMENTATION ROADMAP

- Step 1: Partner with Scripps La Jolla Emergency Department
- Step 2: Partner with Tesla for integration and licensing
- Step 3: Offline training — master procedures before live deployment
- Step 4: Deploy first robot for simple tasks (e.g., clean gurney)
- Step 5: Expand tasks & integrate with EMR
- Step 6: Add robots and scale to additional hospitals

# FUNDING

- Founder
- Grants
- Hospital Innovation Budgets
- Angel Investors

# THE ASK

PENDING

# THANK YOU

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