

Welcome

Movelt Pro Works Here Webinar Series

CleanBotix



Adam Jacques

CEO

CleanBotix

adam@clean-logix.com



Dave Grant

CEO

PickNik Robotics

dave.grant@picknik.ai



Michael Wrock

Sr. Robotist

PickNik Robotics

Michael.Wrock@picknik.ai

The logo for Movelt Pro, featuring a blue stylized arrow icon followed by the text "Movelt" in a bold, sans-serif font, and "Pro" in a smaller font inside a blue rounded rectangle.

by  PICKNIK

Housekeeping for Today



More about
PickNik Robotics
picknik.ai



We want to hear from you!
Please drop your questions
in the Q&A tab!



More about
CleanBotix
clean-botix.com

Agenda

- Welcome & Housekeeping
- PickNik Robotics Introduction
- CleanBotix - Adam Jacques, CEO
- MoveIt Pro Overview - Michael Wrock
- Q&A

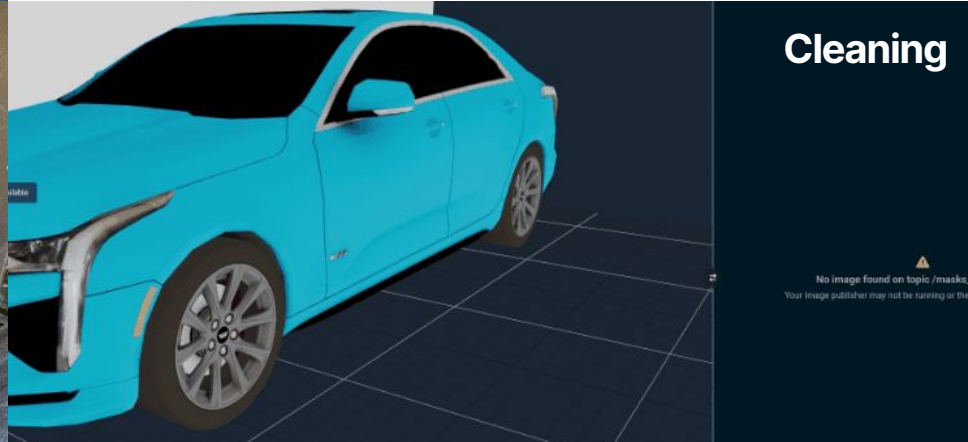
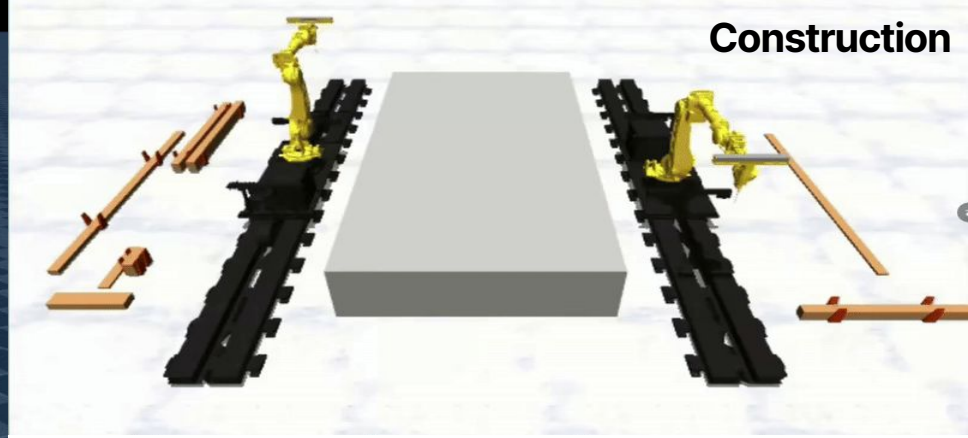


➤ *MoveIt* **Pro**

AI Robotics Application Platform

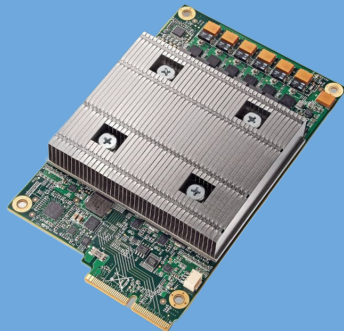
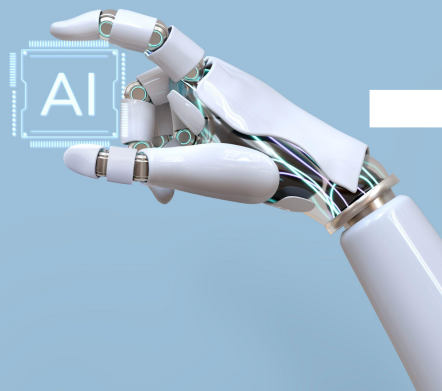
ChatGPT is Transforming Office Work

Movelt Pro is Transforming Physical Work



Why Now?

AI + Compute Power + Open Hardware



PickNik empowers innovators to build the future

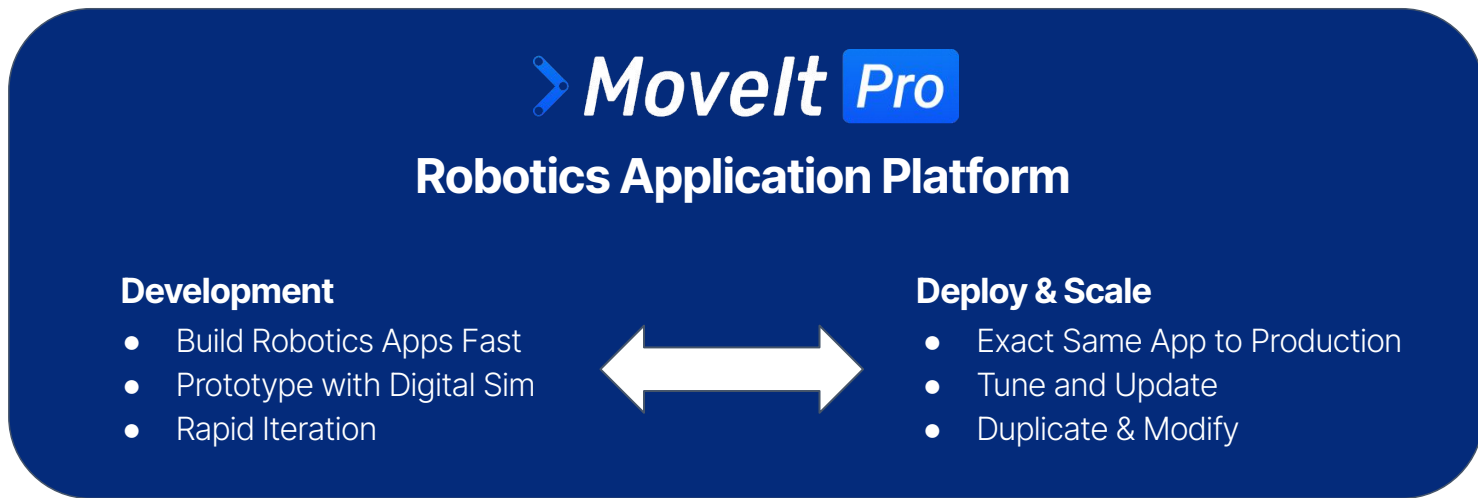
Movelt Pro gives customers the power to bring their ideas to life.

Faster, safer, and without the heavy lifting of low-level coding or infrastructure.



Movelt Pro

The fastest path from concept to production





AI Robotics Application Platform

Dave Grant, CEO PickNik Robotics

Dave Grant

dave.grant@picknik.ai
+1 303.482.1823

CleanBotix

THE SMARTER WAY TO CLEAN

For safer food production.

Movelt Pro Works Here Webinar
November 2025

CleanBotix

The CleanBotix Story

SORTA

THE SMARTER WAY TO ROBOT

For safer food production.

Movelt Pro Works Here Webinar
November 2025



Personal Intro



Adam Jacques
Founder & President



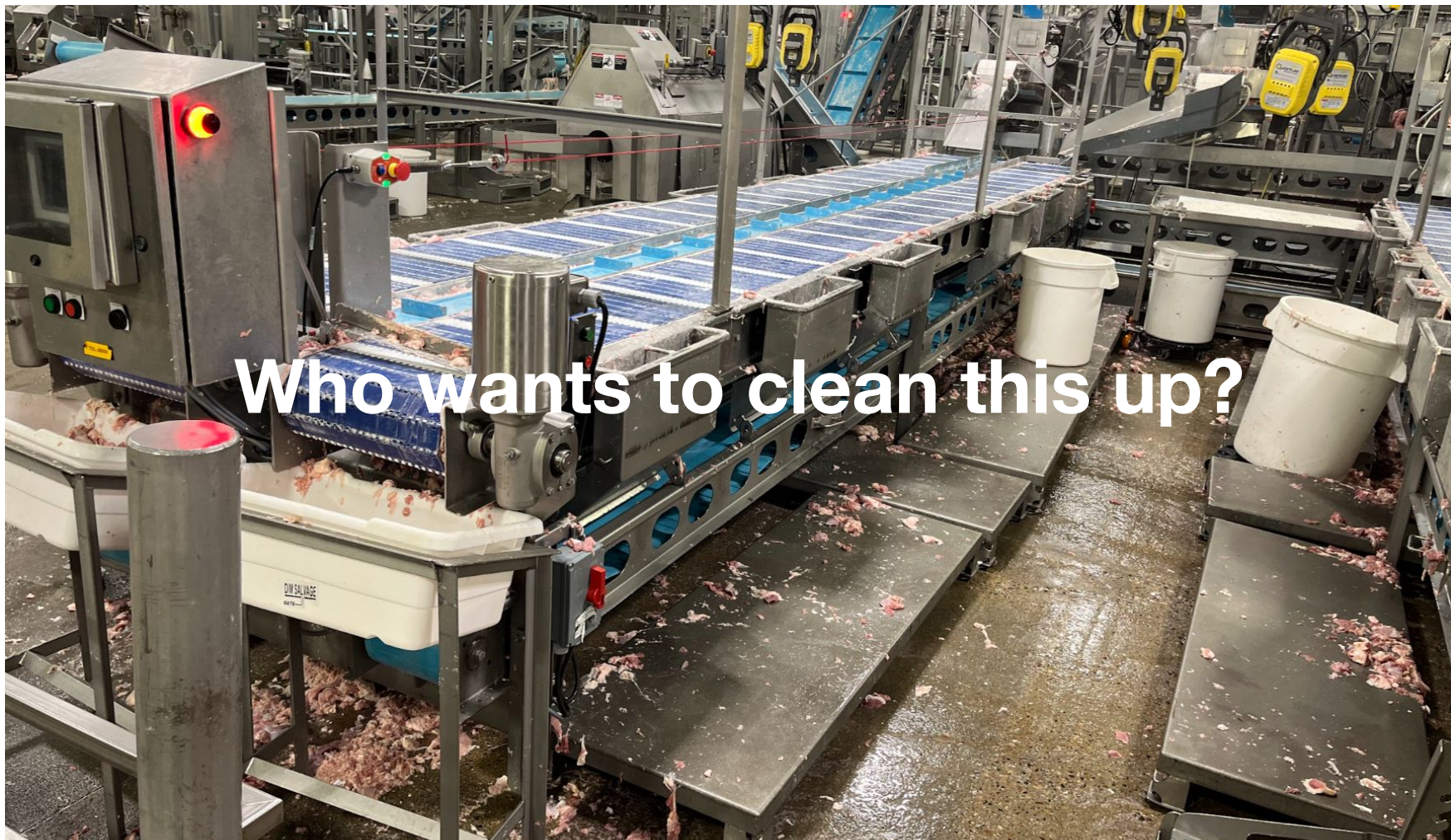
Started in Family Business



15 years ago started CLX



5 months ago spun off CBX



**Sanitation is
HARD**



NASTY



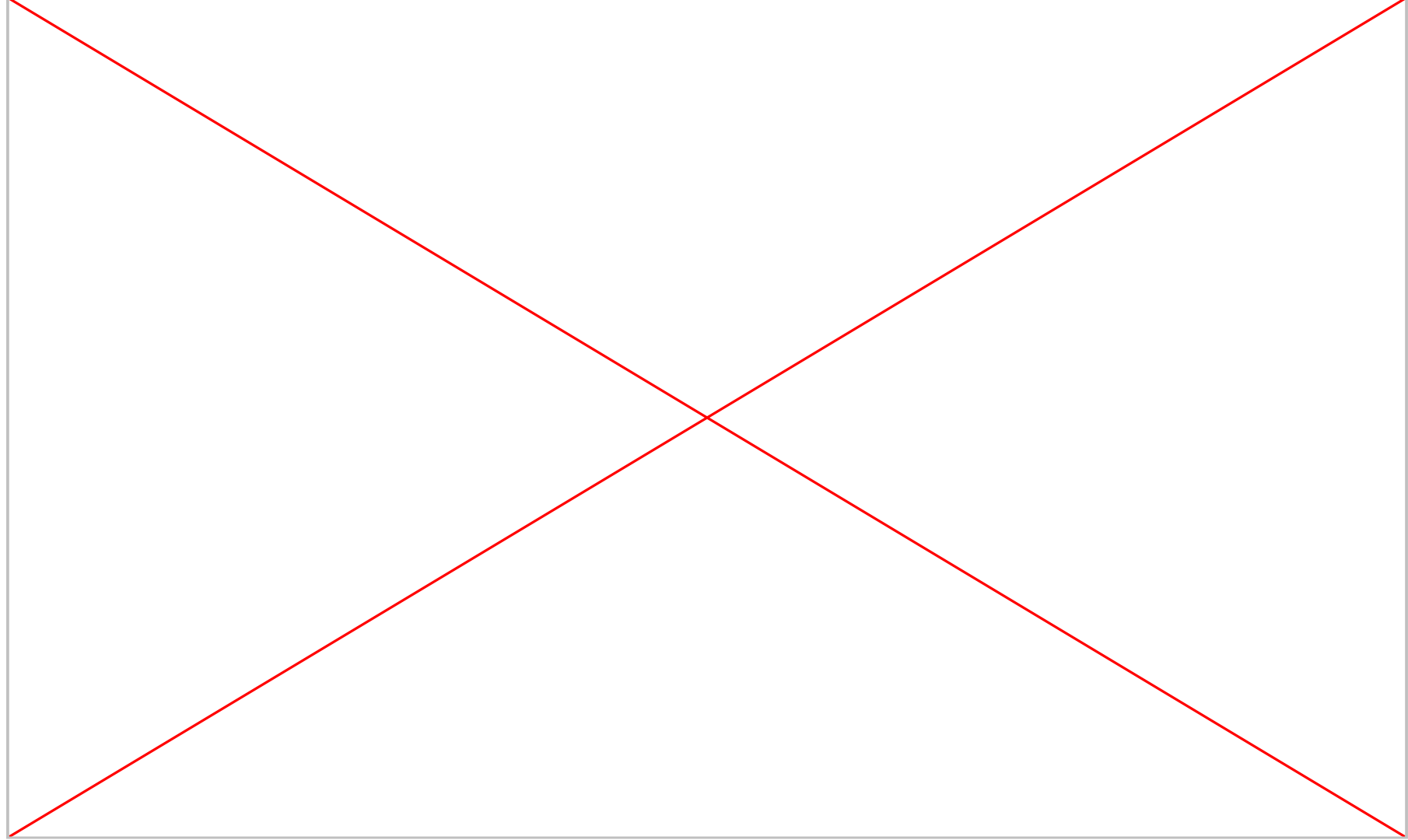
DANGEROUS



Smells like money...

Sanitation is DIRTY, HARD, & DANGEROUS.



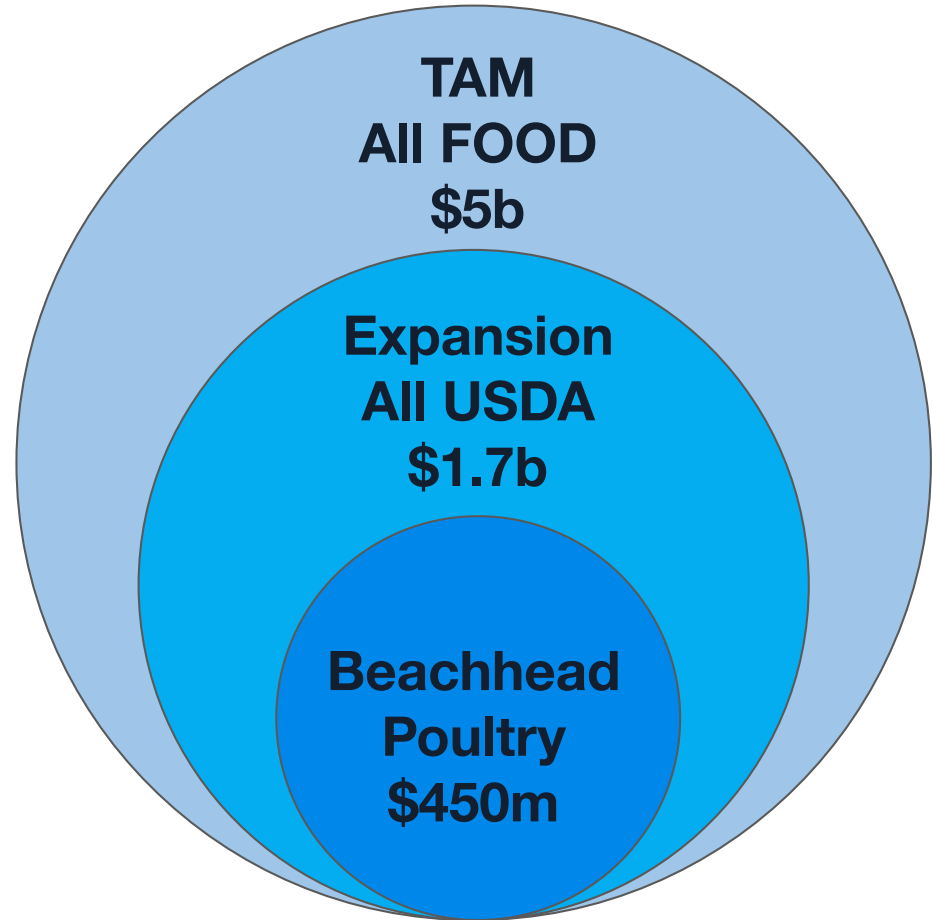


Defensible Business Model:

Robotics as a Service.
(RaaS Model)

For the costs of a worker,
or **\$50k/yr/robot**,
we lease Hardware
and Service on a 4 year
contract.

We layer on Software & the
Ecosystem to ensure long term
contracts (data) and a **STICKY**
defensible **MOAT** for our business.



Leadership Team



Tech & Operations



Adam Jacques
Founder & President

Sales



Chris Coleman
CEO

Advisors



Matt Duckworth
Fractional CFO



Paul Lambert
M&A Advisor



Andrew Zieger
VP Engineering



Ralf Scharnowski
COO

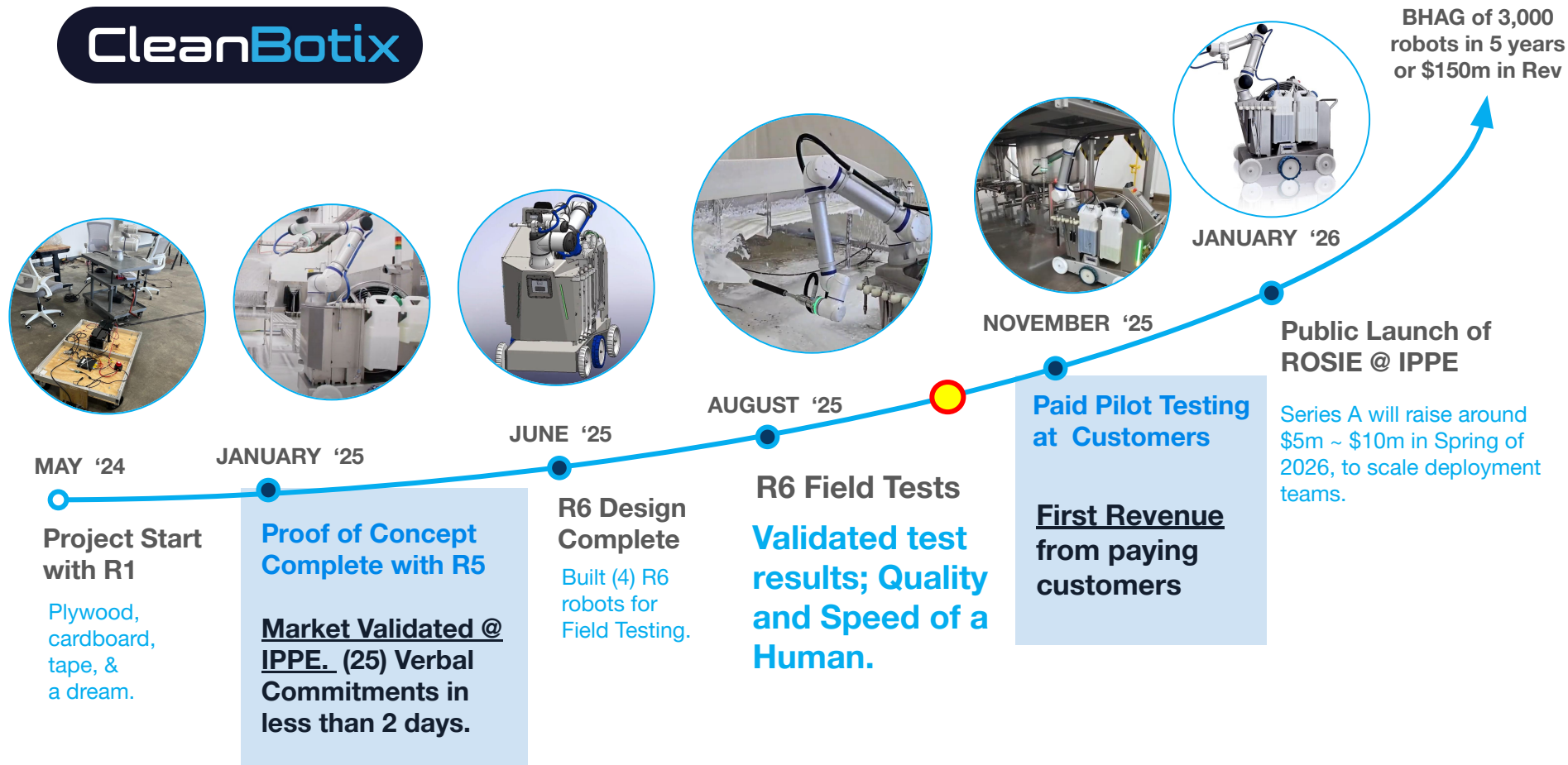


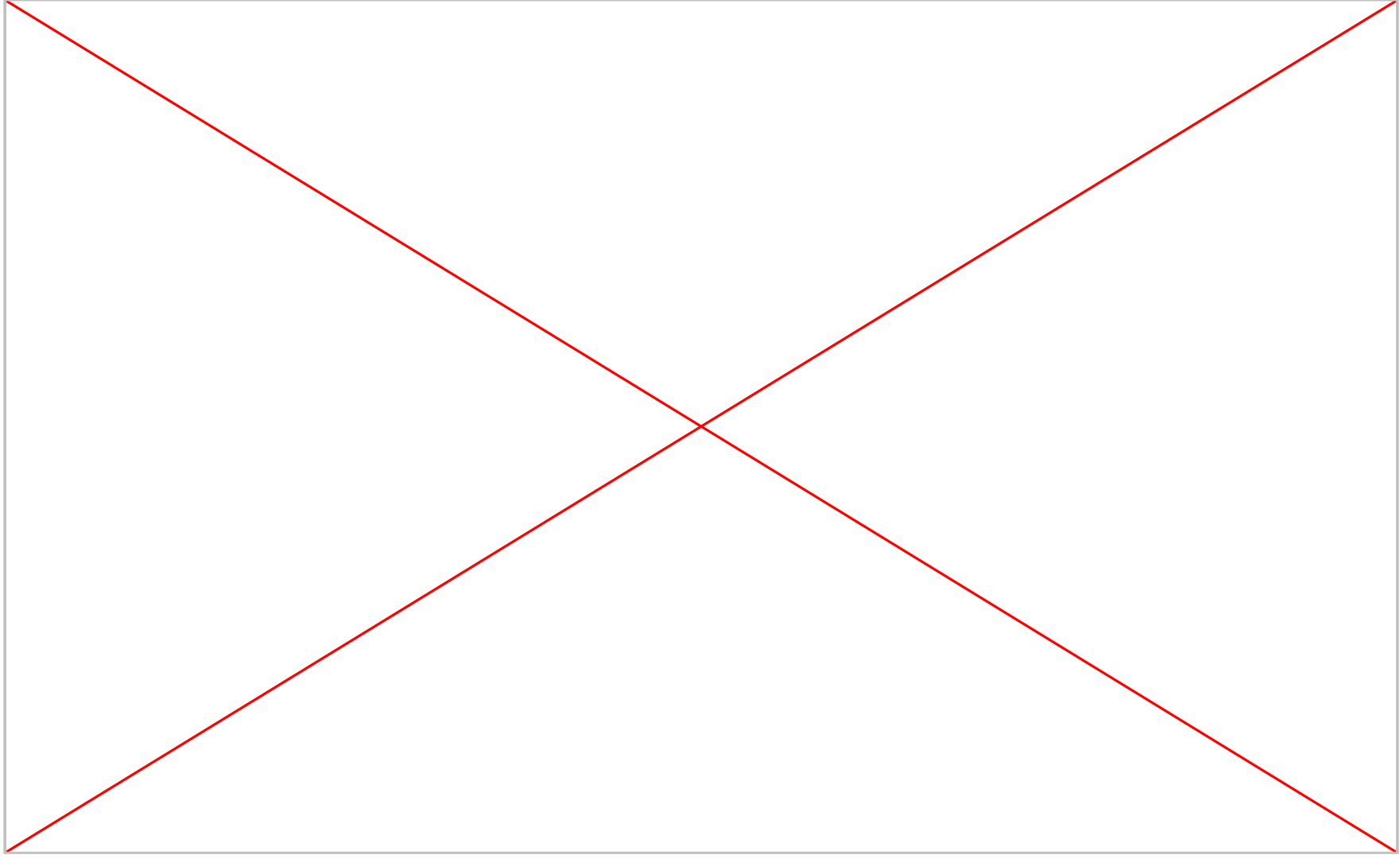
Matt Hill
Dir of Business Dev

Rock Star team that has established relationships with 80% of the market opportunity.

15yr equipment supplier to this industry.

CleanBotix





System Architecture

CleanBotix

User Interface

HMI - Web App

Software

CBX Core ROS2 App
- Mission Controller

MOVEIT PRO

Hardware

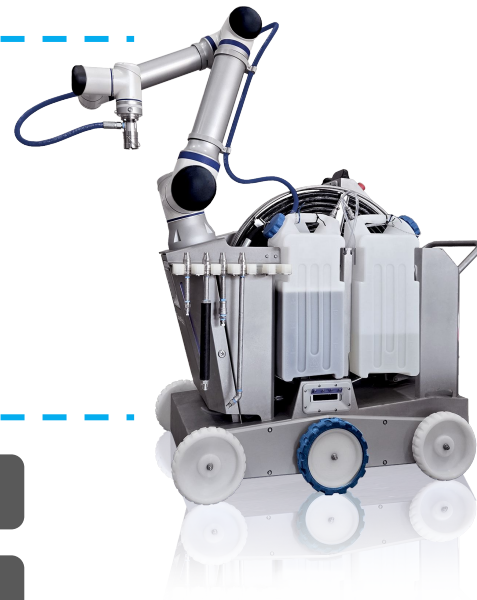
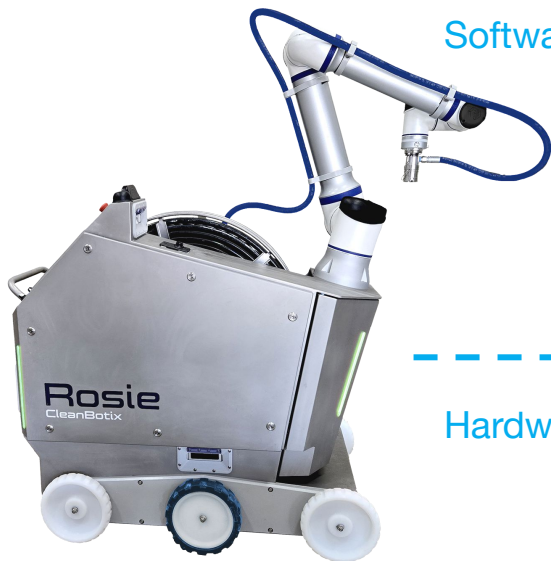
ARM Mfg

Wheels

Tool Changer

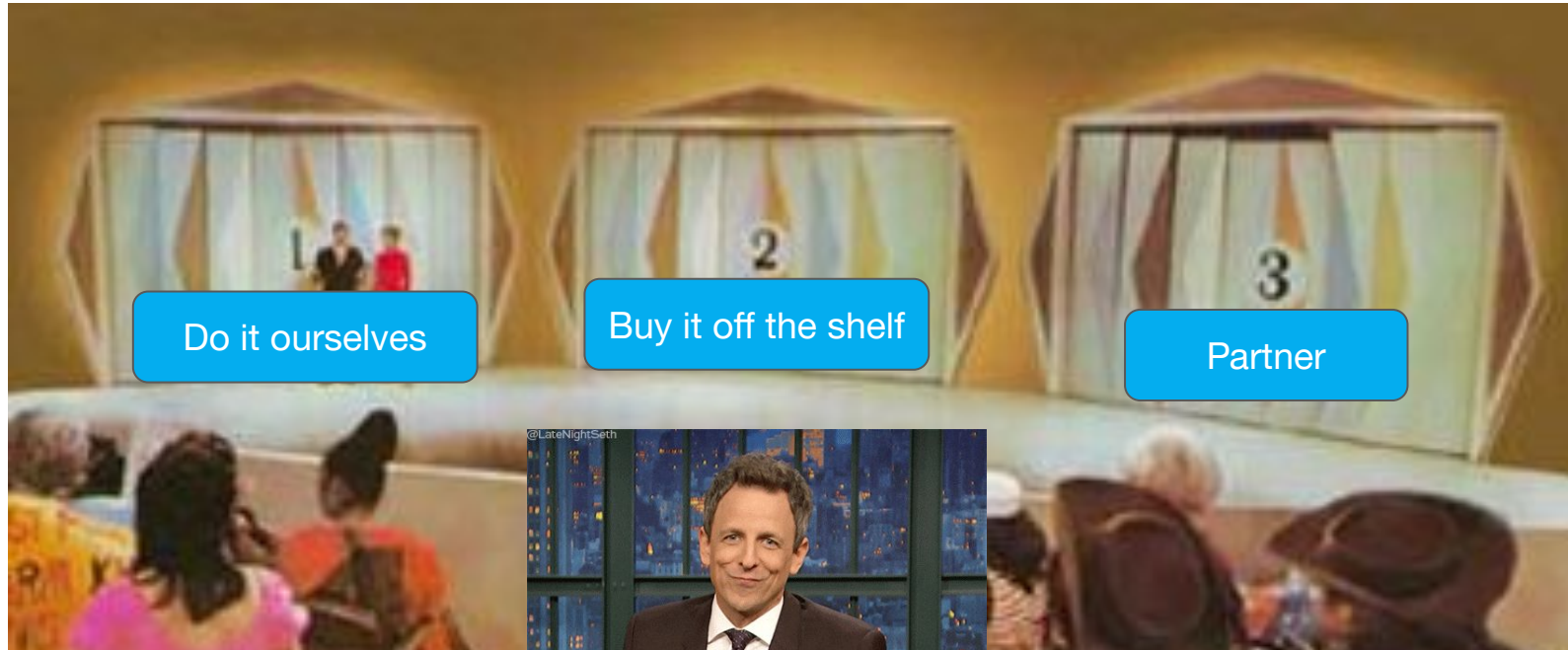
Hose Reel

Valves



Why we chose PickNik?

CleanBotix



Balance 3 items:

1. Unit Costs
2. Development Costs
3. Customization

Our PickNik Experience



- Connected with Dave Coleman
 - Linkedin on May 8th, 2024
 - Now 531 emails later
 - Truly collaborative partnership
- Faster time to market
- Fewer mis-steps and bad decisions



Lessons Learned:

- **Partner Early** - You lose a lot of time and money going with the barebones cheaper route.
- **Partners matter** - a product partner is 50% the product and 50% the partner and yellow flags tend not to go away.



Adam Jacques

adam@clean-botix.com

616-481-7270

CleanBotix

THE SMARTER WAY TO CLEAN

For safer food production.

You too can build
a robot!





> **MoveIt** Pro

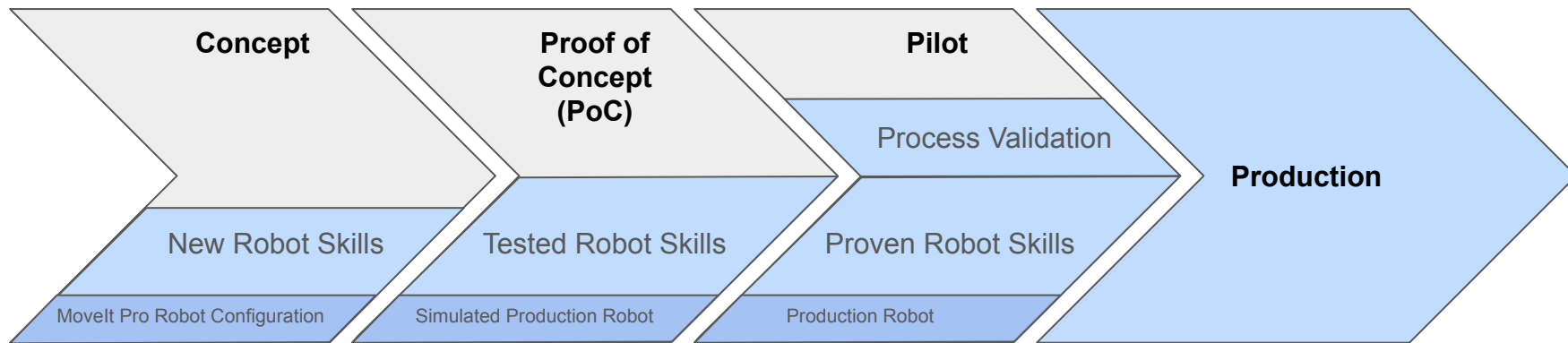
AI Robotics Application Platform

Michael Wrock, Sr. Roboticist

Michael Wrock
Michael.Wrock@PickNik.ai

One AI Platform - Concept to Production

- Cut Time to Deployment by 75%



- Using one of our fully developed robot configurations (robot description, digital twin, hardware drivers, system capabilities), build or test new robot skills to evaluate concepts with minimal set-up
- Test and validate the robotic system's capabilities, transitioning to bespoke designs easily using our hardware agnostic approach
- Deploy pilot programs early, proving system performance and validating the overall process
- Move to production, receiving the latest features and functionality of Movelt Pro through an automated build, test, and deploy architecture that ensures peak performance and catch regressions before they are released

Over 200 pre-built skills and behaviors!



Drop In, Robot-Agnostic Capabilities for:

Machine Learning

- ML End-to-End Diffusion Models
- ML-based Vision Language Segmentation
- ML-based Segmentation Transformers
- ML-based Grasp Transformers
- LLM-based Behavior Tree Building

Perception

- Point Cloud Processing
- 3D Mesh Registration
- AprilTag Fiducial Tracking
- Hand to Eye Calibration

Motion Control

- Multi-arm collision aware motion planning
- Singularity-free constraint-based planning
- Visual Servoing & Inverse Kinematics
- Multi-goal task planning

Force Sensitive Motions

- Force Guarded Motions
- Admittance Controlled Motions

Mobile Navigation

- Whole body motion planning
- Differential drive & holonomic wheels
- Tight integration with Nav2

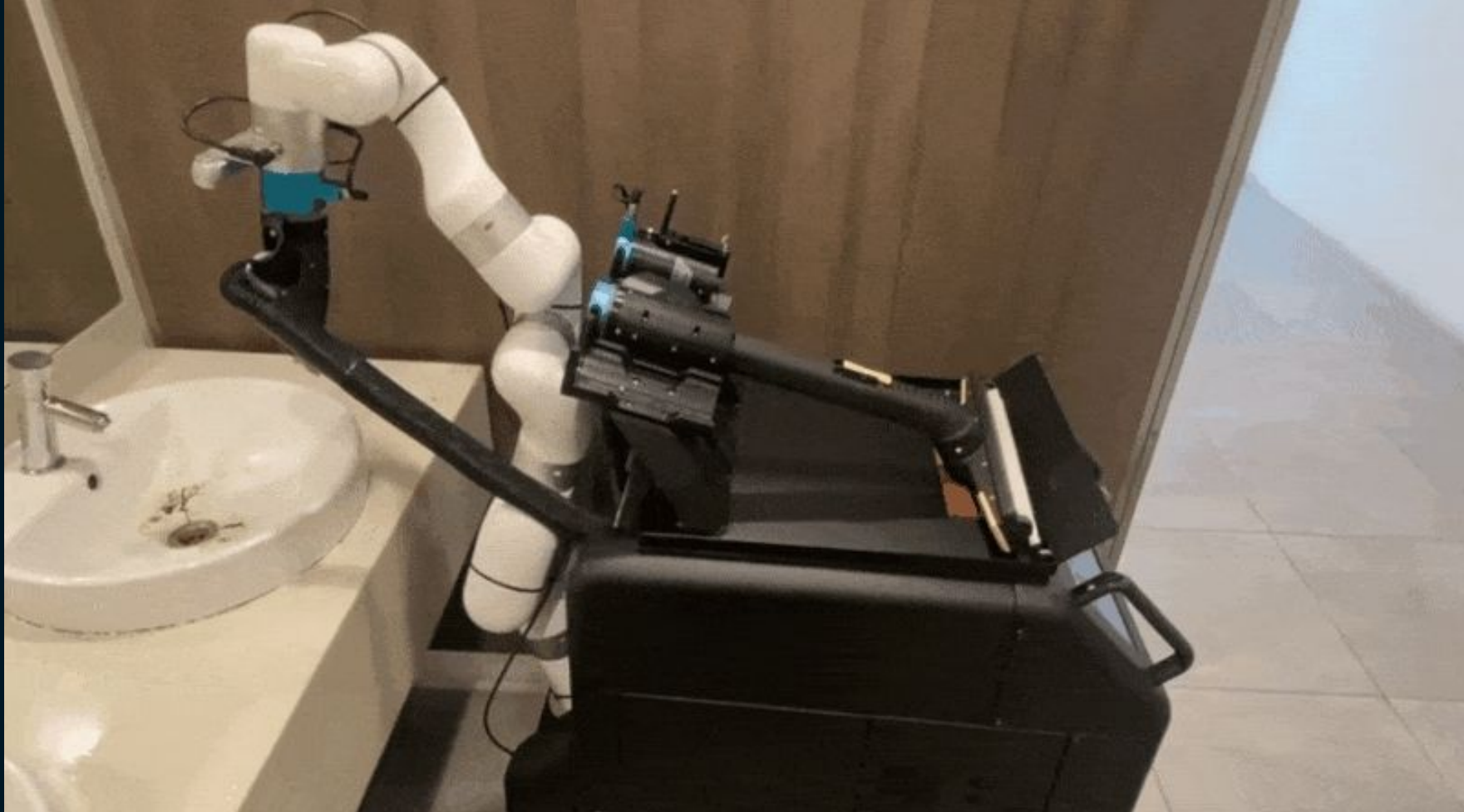
Grasping

- End Effector / Tool Changing
- 2-Finger Grasping
- Vacuum Grasping

Infrastructure

- State management with Behavior Trees
- Error Recovery and Fault Tolerance
- Docker builds for deployment

[See Full Behavior List](#)



ML-based Mobility, Scanning, & Spraying

[See Full Video and Case Study](#)



Universal Robotics

Driver Quality Score: **Great**
High-Bandwidth Streaming

ROS Vendor Supported DRIVER

MoveIt Gold Integration CONFIG



FANUC

Driver Quality Score: **Great**
High-Bandwidth Streaming

ROS Vendor Supported DRIVER

MoveIt Gold Integration CONFIG



Kinova

Driver Quality Score: **Great**
High-Bandwidth Streaming

ROS Vendor Supported DRIVER

MoveIt Gold Integration CONFIG



Franka Robotics

Driver Quality Score: **Great**
High-Bandwidth Streaming

ROS Vendor Supported DRIVER

MoveIt Gold Integration CONFIG



UFactory

Driver Quality Score: **Great**
High-Bandwidth Streaming

ROS Vendor Supported DRIVER

MoveIt Gold Integration CONFIG



Motiv Space Systems

Driver Quality Score: **Great**
High-Bandwidth Streaming

ROS Vendor Supported

MoveIt Gold Integration



HDT Global

Driver Quality Score: **Average**
Low-Bandwidth Trajectory

ROS Vendor Supported

MoveIt Gold Integration



Elite Robots

Driver Quality Score: **Great**
High-Bandwidth Streaming

ROS Vendor Supported DRIVER

MoveIt Gold Integration



ABB

Driver Quality Score: **Great**
High-Bandwidth Streaming

ROS Community Support DRIVER

MoveIt Basic Integration



KUKA KR Cybertech Series

Driver Quality Score: **Great**
High-Bandwidth Streaming

ROS Community Support DRIVER

MoveIt Basic Integration



AgileX

ROS Vendor Supported DRIVER

MoveIt Basic Integration



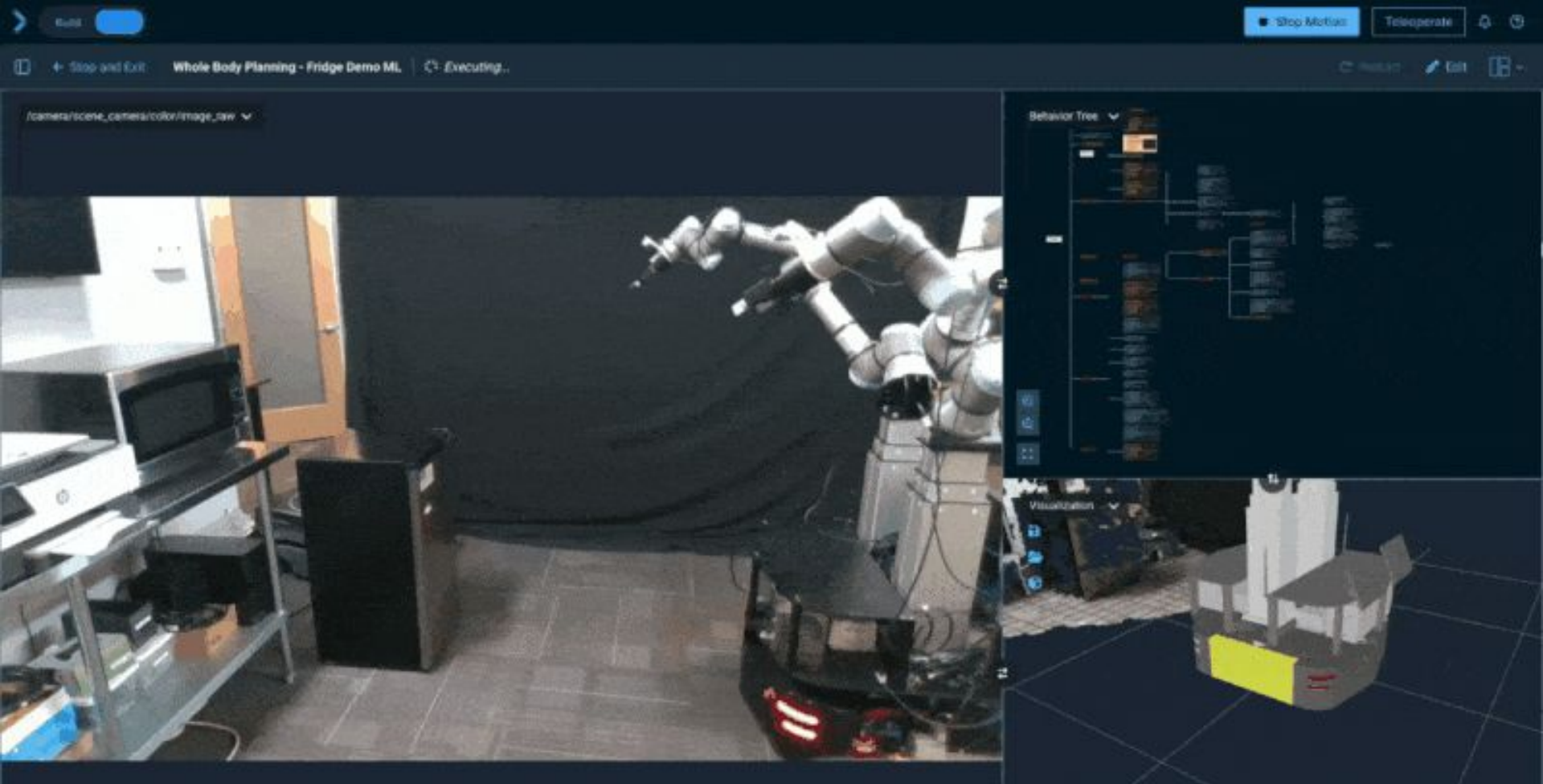
Aubo

ROS Vendor Supported DRIVER

MoveIt Basic Integration

Compatible with any hardware with a ROS 2 driver.

[Learn more at Hardware Partner Ecosystem](#)



Dual Arm with Torso Whole Body Control

[See Full Video](#)



> **MoveIt** Pro

AI Robotics Application Platform

Michael Wrock, Sr. Roboticist

Michael Wrock
Michael.Wrock@PickNik.ai

Questions

CleanBotix

Movelt Pro Works Here Webinar Series



Adam Jacques
adam@clean-logix.com



Dave Grant
dave.grant@picknik.ai



Michael Wrock
Michael.Wrock@picknik.ai

Check Out More Success Stories & Webinars - picknik.ai

