

# THE AGENTIC ERA

Building and Managing Autonomous Systems

AUTONOMY

EFFICIENCY

SCALE

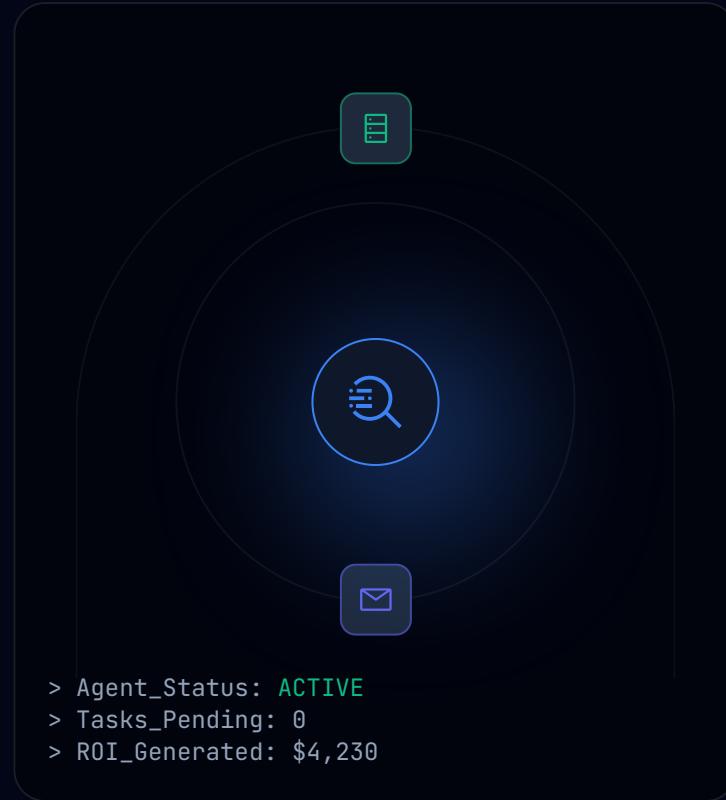
## Evolution

# From Chatbots to Agentic Mesh

Old AI waited for prompts. New AI **acts**.  
Agents never sleep, never wait, and make  
autonomous decisions in real-time.

● Legacy: Reactive

● Future: Proactive



# 3 Key Business Cases

Immediate ROI & Impact



## Market Researcher

### PROBLEM

Manual analysis of 50+ competitors.

### AI AGENT

Hierarchical Monitoring

**95% time saved**



## Supply Chain

### PROBLEM

Slow supplier negotiations.

### AI AGENT

A2A Autonomous Negotiation

**Millions in savings**



## Compliance Auditor

### PROBLEM

EU AI Act & Monitoring.

### AI AGENT

Automated Audit

**Zero fines (35M €)**

# Vibe Coding & Architecture

Startup Speed. Enterprise Security.

agent\_core.ts

```
import { Agent } from '@industrial/ai';

const worker = new Agent({
  role: 'Supply_Chain_Manager',
  permissions: ['READ_INVENTORY',
    'CREATE_ORDER'],
  safety: true
});

// Validating architecture patterns...
```

50%

PRODUCTIVITY BOOST

100%

TYPE SAFETY

# Proven Value

Real agents deployed in production environments.



## Market Researcher

Analyzes competition 24/7  
and reports changes.

IMPACT

**-40h / month**



## Supply Chain

Autonomous price  
negotiation with suppliers.

IMPACT

**-15% Costs**



## FinOps Agent

Cloud infrastructure  
optimization.

IMPACT

**\$12k Saved**

# Security by Design

## Row Level Security (RLS) Architecture



The Agent has no direct access to data. It sees only what the database allows.  
Security is guaranteed at the infrastructure level, not the prompt.

# Start Small. Scale Fast.

From Audit to Autonomous Enterprise.



**Build Infrastructure**

