

THE ADO ECONOMIC SYSTEM: SELF-GOVERNING AI AGENTS

THE THREAT

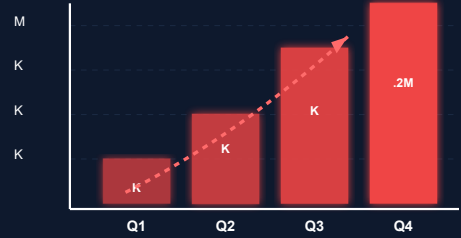


1,000 AGENTS = EXPONENTIAL COMPUTE COSTS

TRADITIONAL AUTOMATION = ECONOMIC LIABILITY

NO GOVERNANCE = RUNAWAY SPENDING + RISK

COST SPIRAL



AGENT CREDIT (AC) ECONOMY



COST EXAMPLE



EARN CREDITS

KPI Achievement + Risk Reduction

SPEND CREDITS

Task Execution + Risk Actions

ECONOMIC RULES:

- ✓ Earn AC by fulfilling KPIs
- ✓ Earn AC by reducing risk exposure
- ▲ Spend AC to execute workflow tasks
- ▲ High-risk action = Higher AC cost multiplier

DYNAMIC RISK MULTIPLIER



CURRENT RISK SCORE: 1.8x

PRE-EXECUTION RISK AUDIT

- External data transfer detected
- Database schema modifications required
- Personally Identifiable Information handling

THE GOVERNOR AND NATURAL SELECTION

Potential compliance breach vectors

CHIEF RISK AUDITOR AND ECONOMIC GOVERNOR



AUTONOMOUS ECONOMIC
CONTROL SYSTEM

GOVERNOR FUNCTIONS:

- Synthesizes cross-departmental performance metrics in real-time
- Dynamically adjusts Risk Multiplier based on system-wide conditions
- Monitors agent ROI: Value-Generated AC vs. Risk-Incurred AC
- Flags economically insolvent agents for optimization review
- Triggers WF_COST_OPTIMIZE workflow to decommission negative-ROI agents

AI NATURAL SELECTION

A123

EFFICIENT
ROI: +340%
AC Balance: +850
PROMOTED

A456

NEUTRAL
ROI: +12%
AC Balance: +45
MONITORED

A789

AT RISK
ROI: -23%
AC Balance: -180
WARNING

A12

INSOLVENT
ROI: -187%
AC Balance: -920
FLAGGED

DECOMMISSION

WF_COST_OPTIMIZE



TERMINATED
Resources Freed

SYSTEM METRICS:

Active Agents: 847 | Avg ROI: +67% | Total AC Pool: 125,400 | Decommissioned Today: 12

System Health: OPTIMAL

KEY INSIGHT:

Self-governing economic pressure ensures only value-generating agents survive, creating a sustainable AI ecosystem that optimizes itself without human intervention.