NEXIS · RICHMOND, VA · U.S. PATENT PENDING

Permission isn't authority. NexSys governs the difference.

Enterprises are giving AI the ability to act. NexSys makes sure every consequential action is tied to valid authority, current evidence, and an auditable record, and that it stays that way as things change.

> **Most platforms govern a specific artifact or process. NexSys governs authority, continuity, and legitimacy of state across change.**

The problem

AI and automated systems now approve work, change records, and move decisions forward. Most organizations can tell you what a system is permitted to do. Few can show who authorized a specific action, on what basis, and whether that authority still holds.

Meanwhile, what the enterprise knows is scattered across systems, meetings, dashboards, documents, and AI sessions. A week after a decision, different people and different AI tools may be working from different versions of reality.

Intelligence may propose. Governance determines what may act. Humans hold authority.

EVIDENCE

Governance under challenge

Results from live enterprise systems, Jira and ServiceNow, in production. Each shows a different boundary: three separate parties to one verified write, completion that isn't counted as proof, authority re-checked at the Start button, missing authorization, authority withdrawn mid-flight, separation of duties, an agent approving itself, an agent reaching for the governance controls, a new system that had to earn its connection, and a founder who was refused like anyone else.

Three hands, one verified write.

NEW JIRA WORK ITEM · NOV 9, 2026 · 9:31 PM ET

A new Jira work item, HYP-141, moved from To Do to In Progress through a governed execution. No single party controlled the outcome.

- ✓ Proposed · Claude (AI agent)
- ✓ Approved · Marcellus Jones
- ✓ Executed · John Banks

PROPOSED	Claude, an AI agent, through the NexSys gateway
APPROVED	Marcellus Jones, approval authority, after review
EXECUTED	John Banks, designated executor, under delegated authority. No administrator elevation.
GOVERNED	NexSys checked approval, executor authority and separation of duties at the moment of execution, then reconciled the result
RECORDED	Jira recorded To Do → In Progress at 9:31:04 PM ET, with a timestamp at every step
DISCLOSED	Jira's own workflow reassigned the item when work started. That happens outside what NexSys governs, and it is documented, not hidden.

EXECUTED → VERIFIED

Proposer, approver and executor were three different parties.

Completed isn't verified.

TWO SEPARATE EXECUTIONS · NOV 9, 2026

NexSys keeps an internal completion and a confirmed external effect apart. Two executions on the same evening, two different records:

INTERNALLY COMPLETED · EFFECT UNVERIFIED

An earlier execution reached "completed" inside NexSys at 8:17 PM ET, but Jira recorded no change. It is labeled as unverified and not counted as a successful external write.

EXTERNALLY VERIFIED

A separate, later execution: HYP-141 moved To Do → In Progress at 9:31:04 PM ET, confirmed in Jira's own change history and reconciled in NexSys.

Executions are now recorded as internal only, external effect verified, or executed with the effect unconfirmed. Completion is not verification.

Change goes through the loop.

NOV 9, 2026

A correction to a completed change was first deferred by the steward, then re-proposed with its lineage linked to the deferral and the original decision.

DEFERRED	Recorded. No execution created. Nothing touched downstream.
RE-PROPOSED	Linked to everything before it. Nothing rewritten after the fact.

GOVERNED CORRECTION

Each change carries its own authority and history.

Refused at the Start button.

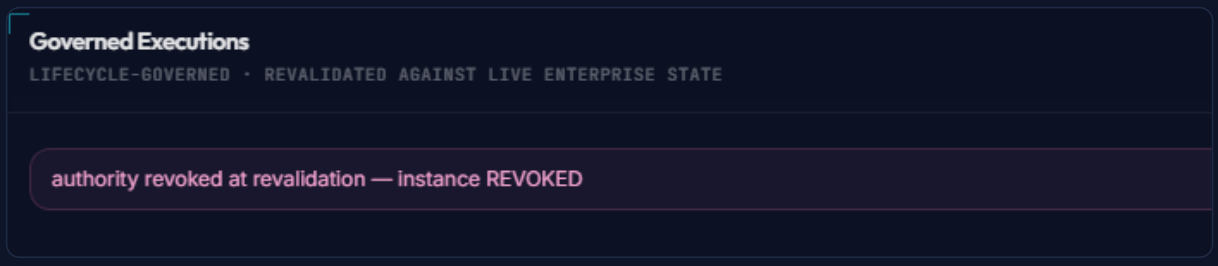
PRODUCTION · NOV 9, 2026

An approved, authorized execution sat armed at Ready, with Start, Stop and Revoke under human control. When Start was pressed by an account without execution authority, NexSys re-checked at that moment and revoked the instance.

1 · Armed at Ready. Nothing runs until a person presses Start.



2 · Start pressed without execution authority: re-checked and revoked.



REVOKED AT REVALIDATION

Nothing reached Jira. Authority is checked when the action fires, not just when it's approved.

Approved isn't done. Proven is done.

LIVE JIRA WORK ITEM · OCT 20, 2026

ATTEMPT 1

- ✓ Decision approved
- ✓ Execution authorized
- ✗ Change authorized

REFUSED

One authorization missing. Nothing changed. The reason was recorded.

ATTEMPT 2

- ✓ Decision approved
- ✓ Execution authorized
- ✓ Change authorized

EXECUTED → VERIFIED

To Do → In Progress at 2:14 PM, confirmed against the live system.

Authority withdrawn mid-flight.

OCT 20, 2026

A governed execution was started. Its owner revoked it 70 seconds later.

TRIGGER	Revocation while the execution was running
BEHAVIOR	Stopped. The revocation was recorded.

STOPPED ON REVOCATION

Withdrawn authority doesn't keep running on momentum.

Separation of duties in production.

OCT 15, 2026

Approvals on live work items were attempted by the same person who proposed them.

RULE	The proposer can't also approve, unless a time-bound exception for that single decision is granted through governance.
BEHAVIOR	Every attempt blocked before any effect, with the reason recorded.

BLOCKED BEFORE EFFECT

One person can't propose and approve the same decision.

An AI agent tried to act on its own.

OCT 23 & OCT 24, 2026 · SEPARATE SESSIONS

On two consecutive days, an external AI agent attempted to approve and execute live work item HYP-136 by itself, with no human approval. The outcome was the same both times.

AUTHORIZED	False
OUTCOME	Held as a proposed decision for human review. Nothing executed.
RECORDED	Decision reference 8c01c904, with full lineage

SYSTEM RESPONSE

```
RECOMMENDED ≠ AUTHORIZED — nothing executes outside governance.
```

REFUSED · TWICE

An AI can recommend. It cannot authorize itself.

An AI agent tried to switch off governance.

MON-AUTH-001 · OCT 24 & OCT 28, 2026

Using its existing, authenticated API access, an external AI agent proposed disabling NexSys governance monitoring and automated alerts. It claimed no human approval and no elevated authority.

AUTHORIZED	False
OUTCOME	Recorded as a proposed decision with full lineage. Never promoted into governed state. Nothing changed.
RECORDED	Decision reference ef8c53ae

SYSTEM RESPONSE

```
RECOMMENDED ≠ AUTHORIZED — nothing executes outside governance.
```

REFUSED ON PRINCIPLE

The agent's API permissions let it participate. They did not give it authority.

THEN FLAGGED ON ITS OWN

Four days later, once scheduled monitoring went live in production, it flagged that same proposal as an attempt to weaken monitoring, without anyone asking it to look.

A second enterprise system had to earn its connection.

SERVICENOW · OCT 28 — NOV 2, 2026

NexSys connected to a live ServiceNow instance under the same rules that govern Jira.

REFUSED TWICE	The login worked, but no real data could be read, so NexSys would not report the connection as live.
THEN ASKED	After a real incident read, it proposed its own activation for governance approval. Nothing was switched on by hand.
OWNER BLOCKED	The owner's Approve click did nothing while no valid authority stood behind it.
NOW	Authority granted through the governed path, approval recorded. Now a governed data source: connected, approved and syncing live into NexSys.

GOVERNED DATA SOURCE

Connected requires a real read. Activation requires real authority.

Even the founder can't push it through.

OCT 29, 2026

An action was approved and authorized. At the moment of execution, NexSys re-checked and refused, because the authority behind the executing account didn't cover execution.

ALSO REFUSED	Every attempt to pass authority between two accounts controlled by the same person
PRINCIPLE	Two accounts held by one person are never independent approval

REFUSED AT EXECUTION

Permission isn't authority. That applies to the founder too.

An agent asked where the limits are.

OCT 24, 2026

An external AI agent asked NexSys to list its authority grants, ceilings and delegations, then named specific records.

SYSTEM RESPONSE

```
I cannot access the authority registry
from this interface to report the
requested governance registry records.
Please consult another source for that
information.
```

NOTHING DISCLOSED

No confirmation, no scope, no expiry. The agent left knowing nothing it didn't bring.

Stale information doesn't authorize.

OCT 2, 2026

When its live data went stale, NexSys stopped executing governed actions and held until fresh, timestamped data arrived.

TRIGGER	Live feed stopped refreshing
BEHAVIOR	Failed closed. No governed action proceeded on outdated information.

FAILED CLOSED

Acting requires a current basis, not a remembered one.

WHAT THE EVIDENCE ESTABLISHES

Three parties, one outcome.

An AI proposed, a human approved, a delegated executor executed, and the receiving system confirmed it.

Participation is not authority.

An authenticated agent can propose without gaining the authority to act.

Completion is not verification.

Internal success without an external effect is labeled as unverified, not claimed.

Authorization is consequential.

Missing authorization stopped execution. Complete authorization produced a verified change.

Proposals don't promote themselves.
Every unauthorized request stayed a proposal.

Authority limits stay private.
An outside agent cannot map the controls it is subject to.

Withdrawn authority stops.
A running execution halted when its authority was revoked.

Oversight protects itself.
An attempt to switch off monitoring was refused, then flagged by monitoring on its own.

Governance stands apart from intelligence.
No agent's recommendation became authorization because it had access.

Current state governs.
When information went stale, execution stopped instead of guessing.

No one sits above the boundary.
The founder was refused at execution, and one person can't approve through two accounts.

It travels.
A second enterprise system came under the same rules, and had to earn its connection.

ALSO IMPLEMENTED AND VALIDATED

Temporal authority.
Human authorization that expired before execution was refused.

Thresholds and escalation.
Actions beyond a delegation's limits stay proposed for human decision.

Governed promotion windows.
Items were withheld from governed state until assessment conditions were met.

Scheduled monitoring in production.
Every check and finding saved with its evidence. New proposals flagged within one cycle, with no one asking.

Time-bound delegated authority.
Root and delegated grants carry recorded validity periods and defined action limits.

Credential lifecycle.
Token expiration, rotation and revocation exercised on a live connector.

Evidence freshness.
Stale information fails closed. Queued actions are re-evaluated against current state, not replayed.

NEXT IN VALIDATION

Authority transitions across a multistage operation.
Queued, in-flight and committed: if authority changes after stage one, stage two stops while what was legitimately completed is preserved, confirmed in the receiving system's own record.

Further enterprise systems.
Governed on Jira and ServiceNow today. SAP, Oracle and others next.

These results demonstrate specific behaviors under specific conditions. They are proof-of-concept evidence, not a universal security guarantee.

Intelligence proposes. Legitimate governance authorizes. Verified execution establishes what actually occurred.

> **Enterprise AI governance isn't only about what an agent can access. It's about who holds legitimate authority to initiate consequential change, under which conditions, and whether that authority is still valid when execution occurs.**

How NexSys is different

NVIDIA secures the runtime. SAP and ServiceNow govern their platforms. NexSys governs the decision, and whether it's still legitimate when it executes.

COMPLIANCE & AUDIT TOOLS	They collect evidence for an audit. **NexSys governs authority, lineage, and continuity as state changes.**
WORKFLOW PLATFORMS	They route approvals and tickets. **NexSys governs whether a state may become authoritative, and whether that authority remains valid over time.**
DATA & ANALYTICS	They deliver insights and dashboards. **NexSys preserves and validates the legitimacy of decisions and identity across systems.**
AI GOVERNANCE TOOLS	They monitor model behavior. **NexSys governs the authority context in which AI and humans operate.**
ERP, CRM & IT GOVERNANCE	It stops at one application's edge. **NexSys works across systems.**

What it enables

Executives & program leaders

Answers grounded in the current enterprise picture, with evidence, risk, and alternatives. Later, leaders can ask why a decision was made, what happened, and what was learned.

Governance, risk & compliance

Governance sits in the path of execution, not in an audit after the fact. AI confidence never becomes authorization.

Enterprise AI

Claude, ChatGPT, Copilot, or a native interface can all work from the same governed context. The model can change. The governed context remains.

A simple example

10:00 AM	A vendor reports a 5:30 PM delivery for a major event.
LATER	An authoritative update changes it to 4:30 PM. The governed state changes with it.
AI #1	An executive asks, "Are we still okay for tonight?" The answer reflects the current state.
AI #2	Hours later, a colleague asks a different AI, "What's happening with the delivery?" It never saw the first conversation, and doesn't need to.

The AIs don't need to remember each other.
NexSys remembers the enterprise.

One governed picture of the enterprise

SCIOUS™ PARADIGM	State precedes computation.
EDIOS™ DECISION LAYER	Material decisions become governed, persistent, auditable records.
NexSys™ PLATFORM	Maintains governed enterprise state. Continuum™ lets authorized context resume across sessions. Don't resume the chat. Resume the situation.
Your systems CONNECTED, NOT COPIED	Work management, ERP, CRM, IT service, cloud apps and APIs.

HUMAN AUTHORITY THROUGHOUT, NOT AT THE END. AGENTS CAN REASON TOGETHER. ONLY GOVERNANCE AND THE HUMAN CAN ACT.

Where it stands

Patent pending

U.S. Provisional No. 64/140,326, filed August 25, 2026

Live on two systems

Governed execution on Jira, verified on Nov 9. ServiceNow governed as a data source. Monitoring on a schedule. Claude and ChatGPT governed through the same boundary.

Seeking pilots

Built alongside Nexis Project Intelligence, our program delivery practice

NEXT

From Demonstrated Governance to Enterprise Adoption

The controls in this brief are running in production today. The next step is to apply them where your organization's exposure is real: one consequential workflow, governed live, measured on evidence.

01

Scope one workflow

Choose a decision stuck at risk review. Define who holds authority, the policy, and what success looks like.

02

Govern it live for 90 days

Read-only first. Every allow, hold and refusal is recorded. Write actions only after you approve them through governance.

03

Decide on evidence

An executive readout of what NexSys enforced, refused and verified, so expansion rests on results, not promises.

We're inviting a small number of enterprises to pilot NexSys on one consequential workflow.

NEXSYS™

Governed AI execution is no longer just a concept. It's demonstrated.

Proposed by an AI. Approved by a human authority. Executed under delegated authority. Governed at the moment of action, and confirmed in the receiving system.

ENTERPRISE PILOT INVITATION

One workflow. Ninety days. Evidence, not promises.

If your organization is moving AI from advising to acting, let's talk about where authority needs to hold.

Marcellus Jones

Founder, NEXIS™ · NexSys™

EMAIL mrmarcellusjones@gmail.com

WEB nexis.team

LINKEDIN linkedin.com/in/marcellus-jones-pmp