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Continuity-Based Facility Access Control

by [Nick Clark](#) | Published March 27, 2026 | [PDF](#)

Secure facility access traditionally relies on credentials: badges, PINs, and biometric templates. Continuity-based facility access replaces these with biological trust slope verification, providing identity assurance that strengthens with each visit rather than depending on a static credential that can be lost, shared, or stolen.

What It Is

Continuity-based facility access uses biological trust slopes as the primary access mechanism. Entry authorization depends on the individual's accumulated trust slope depth at that facility, not on credential presentation. The system continuously monitors biological signals within the facility, maintaining awareness of who is present and detecting any identity anomalies.

Why It Matters

Credential-based access can be circumvented through credential sharing, theft, or duplication. Once inside, there is typically no continuous verification that the person who entered is the person who was authorized. Continuity-based access provides both entry verification and continuous presence monitoring, eliminating the gap between entry authentication and ongoing authorization.

How It Works

The facility maintains biological trust slopes for all authorized personnel. Entry requires the trust slope to exceed the facility's access threshold. Within the facility, passive monitoring maintains continuous identity awareness. If biological continuity is disrupted (the monitored signals become inconsistent with the established slope), the system triggers appropriate security responses.

What It Enables

Continuity-based access enables facility security that cannot be circumvented through credential manipulation and that maintains continuous assurance of authorized presence. The security strengthens over time as trust slopes deepen, making long-term employees more efficiently verified while maintaining appropriate scrutiny for infrequent visitors.

[Applications All 21 steps →](#)

Same primitives. Different domains. One architecture.

Primary Technical Disclosure

[○ One Architecture, Every Domain: How the Same Cognitive Primitives Parameterize Across Autonomous Vehicles, Defense, Companion AI, and Therapeutic Agents](#)

Secondary Technical

[○ Confidence-Governed Autonomous Driving Decisions](#) [○ Quorum-Based Engagement Authorization for Defense Systems](#) [○ Narrative Unlock Engine and Relationship Milestones for Companion AI](#) [○ Attachment Challenge Module: Testing Relational Health](#) [○ Skill-Gated Relational Readiness for Social Platforms](#) [○ Fleet-Level Affective State Aggregation for Traffic Management](#) [○ Therapeutic Relationship Integrity for AI-Assisted Therapy](#) [○ Physical Capability Envelopes for Embodied Robotics](#) [○ Curriculum-Gated Adaptive Learning Platforms](#) [● Continuity-Based Facility Access Control](#) [○ Confidence-Governed Financial Trading Systems](#) [○ Rights-Grade Content Generation With Provenance Tracking](#) [○ EU AI Act Structural Conformity Through Architecture](#)

Applications (General)

[○ Autonomous Vehicle Full-Stack Governance From Sensor to Motor](#) [○ Defense Engagement Authorization Through Multi-Level Confidence](#) [○ Full-Stack Cognition Architecture for Healthcare](#) [○ Full-Stack Cognition Architecture for Financial Services](#) [○ Full-Stack Cognition Architecture for Education](#) [○ Full-Stack Cognition Architecture for Smart Cities](#) [○ Full-Stack Cognition Architecture for Manufacturing](#) [○ Full-Stack Cognition Architecture for Agriculture](#)

Applications (Specific)

[○ Waymo's Stack Lacks Unified Cognitive Governance](#) [○ Anduril's Defense Stack Needs Unified Cognitive Governance](#) [○ Epic Systems Needs Cognitive Governance for Clinical AI](#) [○ Bloomberg Terminal's AI Needs Unified Cognitive Governance](#) [○ Tesla Robotaxi Optimizes Driving, Not Cognitive Architecture](#) [○ Lockheed Martin Automates Targeting, Not Engagement Governance](#) [○ Siemens Healthineers Automates Diagnosis Without Cognitive Governance](#) [○ Palantir AIP Deploys LLMs Without Cognitive Architecture](#) [○ C3 AI Provides Enterprise AI Applications Without Cognitive Coherence](#) [○ UiPath Automates Tasks Without Cognitive Governance](#)

[Applications overview →](#)

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- nick@qu3ry.net
- 72 28 14 36 01



[Invented by Nick Clark](#) | Founding Investors: Devin Wilkie