ELISITY

Cognitive Trust™

Intelligent Zero Trust Operational Technology (OT) Security Solution to Safely Converge Industrial Control Systems with IT Networks and Cloud Infrastructure

Zero Trust. Zero Friction.

Elisity offers an identity-driven control plane for OT visibility and control without tying customers to the aging Purdue model for security of industrial control systems. Cognitive Trust, delivered as a cloud-based service, is deployed as an overlay over existing multi-domain infrastructure, and automatically identifies, onboards, and secures connectivity of industrial control systems with IT networks and cloud infrastructure.

You Are in Control with a Contextual Zero Trust Strategy

It's not just device identity, but telemetry and behavioral intelligence that delivers the power of end-to-end protection for all of your OT systems. Elisity Cognitive Trust is the Zero Trust Access architecture and platform that unifies the policy control plane, securing connectivity of IIoT devices and OT systems, while enabling macro (site), micro (device), nano (flow), and transactional (session command control) segmentation to manage risk effectively and efficiently.

- Seamless integration with leading device identity and telemetry providers with a growing catalog of more than 500 million devices
- Cloud-delivered platform that provides consistent policy across brownfield and greenfield network edges
- Simplifies security for critical infrastructure and secures remote access for ICS systems, without requiring physical segmentation by abstracting policy from underlying network constructs and enables enforcement as close to the asset as possible
- Protects controls and processes at all levels of the Purdue model, including cloud-connected PLCs, SCADA, DCSs, WMSs
- Macro, micro, nano, and transactional segmentation to deny network visibility to attackers should a breach occur, and to minimize the blast radius of malware payloads
- Policy Enforcement Points / SDP gateways located as close to the agentless devices as possible via Elisity Micro Edge code installed on pre-existing in-line switches and/or PLTE/P5G routers

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VISIBILITY & INVENTORY

- Device visibility, integrating with leading device identity and telemetry providers
- Automatically discover, identify, onboard, and apply policy for devices coming online on your OT network
- In-depth analytics and reporting

IDENTITY-BASED SEGMENTATION

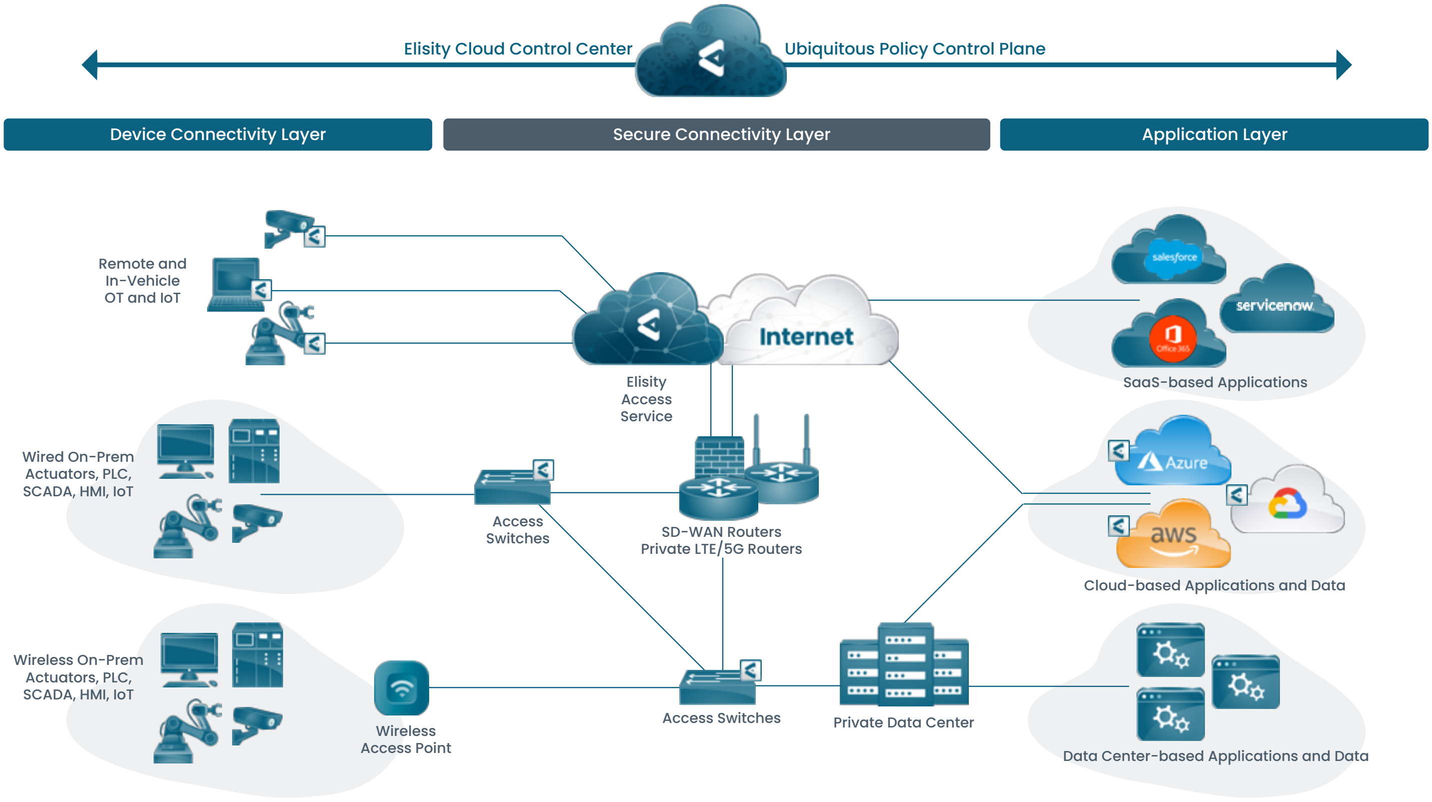
- Segmented access at the site, device group, individual device, flow, or transactional level
- Ubiquitous policy across all IT and OT infrastructure domains for identity and context-based access
- Prevent lateral movement across the infrastructure

LEAST-PRIVILEGE ACCESS

- Define policies based on what assets are, not where they are
- Implement consistent zero trust principles across the enterprise
- Control and secure all North-South and East-West device data traffic

MONITORING & ENFORCEMENT

- AI/ML engine continously monitors assets, data flow, and risk to make policy recommendations
- Ensure business continuity through auto-quarantine of individual compromised devices, applications, and/or users, and not the whole site
- Track all data flows


Elisity Cloud Control Center
Ubiquitous Policy Control Plane
Device Connectivity Layer
Secure Connectivity Layer
Application Layer
Remote and In-Vehicle OT and IoT
Elisity Access Service
Internet
salesforce
servicenow
Office 365
SaaS-based Applications
Wired On-Prem Actuators, PLC, SCADA, HMI, IoT
Access Switches
SD-WAN Routers Private LTE/5G Routers
Azure
aws
Cloud-based Applications and Data
Wireless On-Prem Actuators, PLC, SCADA, HMI, IoT
Wireless Access Point
Access Switches
Private Data Center
Data Center-based Applications and Data

Elisity Cognitive Trust Sample Architecture

Request a FREE Proof-of-Concept

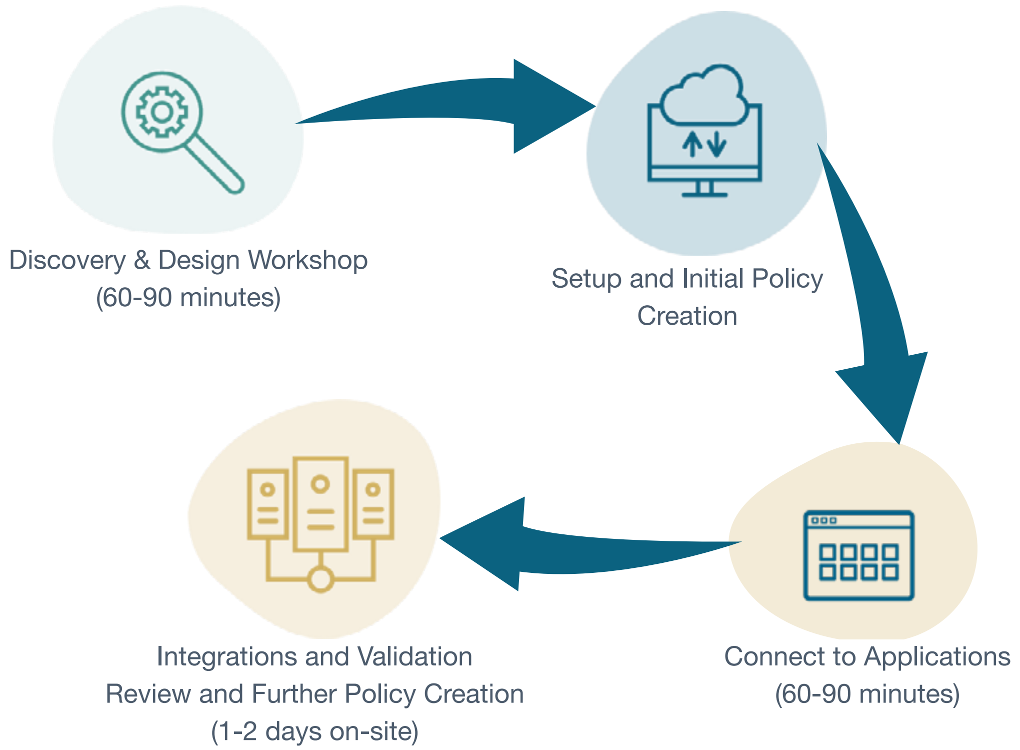
ZERO TRUST. ZERO FRICTION.

Start your zero trust journey at no cost to you with Elisity Cognitive Trust.

Request a FREE proof-of-concept with white glove deployment of the Cognitive Trust platform at **www.elisity.com/request-elisity-free**

PoC Framework

4-6 hours remote, 1-2 days on-site



Discovery & Design Workshop
(60-90 minutes)

Setup and Initial Policy Creation

Connect to Applications
(60-90 minutes)

Integrations and Validation
Review and Further Policy Creation
(1-2 days on-site)

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To see how Cognitive Trust can power digital transformation in your enterprise, schedule a demo today or get started for free with a proof-of-concept.

Visit elisity.com.

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