

ZERO TRUST APPROACH

THE PROBLEM

Traditional cybersecurity defenses, although effective in their own space, have been single threaded allowing for breaches to occur due to misconfigurations and lack of integration. This has caused for the need for the addition of an operational philosophy that trusts no user or machine.

GENERAL

Ingram Micro has established a forward looking strategy to help our partners refine their zero trust market approach or, establish a new effort.

We have partnered with several emerging specialty vendors in the space with the intent of providing a blended approach to the zero-trust philosophy.

APPROACH

Whether an on-premises use case, cloud or a hybrid of the two, Ingram has solutions available to present a solid security posture design for client's needs using the NIST 800-207 framework as a guide.

	APPGATE	ATAKAMA	BEYONDTRUST	BITGLASS	F5	FIREEYE	FORCEPOINT	FORTINET	IBOSS	OKTA	OPSWAT	PALO ALTO
IDENTITY	X	X	X	X	X	X	X	X	X	X		
PROTECT	X	X	X	X	X	X	X	X	X	X	X	X
DETECT				X	X	X	X					X
RESPOND				X	X	X	X					X
RECOVER				X		X	X					

DEFINITION

What Exactly IS Zero Trust?

Zero trust (ZT) is an operational philosophy that **combines** least privilege software and hardware **product** with **policy** and **process** to allow user access to only the resources that are required and based on context of machine, user id, time of day, etc.

TECHNOLOGY MAPPINGS

PRODUCT	TECHNOLOGY	PURPOSE
APPGATE	SOFTWARE DEFINED PERIMETERS	HIDES UNAUTHORIZED RESOURCES
ATAKAMA	ENCRYPTION	ENCRYPTS FILE CONTENTS
BEYONDTRUST	PRIVILEGE ACCESS MANAGEMENT	PROTECTS ELEVATED PASSWORDS AND PROVIDES SECURE REMOTE ACCESS
BITGLASS (FORCEPOINT)	SECURE ACCESS SERVICE EDGE	PROVIDES CASB/WEB/CLOUD SECURITY
F5	TLS DECRYPTION	ALLOWS INSPECTION OF HTTPS ENCRYPTED DATA PAYLOADS
FIREYE TRELLIX (SMARTVISION)	EAST/WEST TRAFFIC MONITORING	ALERT ON UNUSUAL DATA CENTER TRAFFIC
FORCEPOINT	INSIDER THREAT MONITORING	USER BEHAVIOR ENTITY ANALYSIS TO DETECT UNUSUAL USER BEHAVIORS
FORTINET (FORTIGATE)	TLS DECRYPTION	ALLOWS INSPECTION OF HTTPS ENCRYPTED DATA PAYLOADS
IBOSS	SECURE ACCESS SERVICE EDGE	PROVIDES CASB/WEB/CLOUD SECURITY
OKTA	IDENTITY AND ACCESS MANAGEMENT	AUTHENTICATE AND AUTHORIZE USERS ACCESS
OPSWAT	SOFTWARE DEFINED PERIMETERS/CONTENT DECONSTRUCTION & RECONSTRUCTION	HIDES UNAUTHOPRIZED RESOURCES/ENSURES MACHINES USERS & MACHINES ARE AUTHORIZED
PALO ALTO (CORTEX)	EAST/WEST TRAFFIC MONITORING	ALERT ON UNUSUAL DATA CENTER TRAFFI

CALL TO ACTION

Consider the strategy of defining a phased rollout over time, in the correct order that fits a client's business. Based on their needs, sequence the appropriate tools, training, and services to ensure the strategy is executed well.