

Za hranice dôvery: Implementácia **Zero Trust** v ére digitálnej transformácie

Andrej Jeleník
Cisco Systems Architect

Alanata - Judgment day 2024



Zero Trust znamená rôzne veci pre rôznych ľudí



Je to segmentácia



Je to ZTNA



Je to bezpečnosť koncového bodu

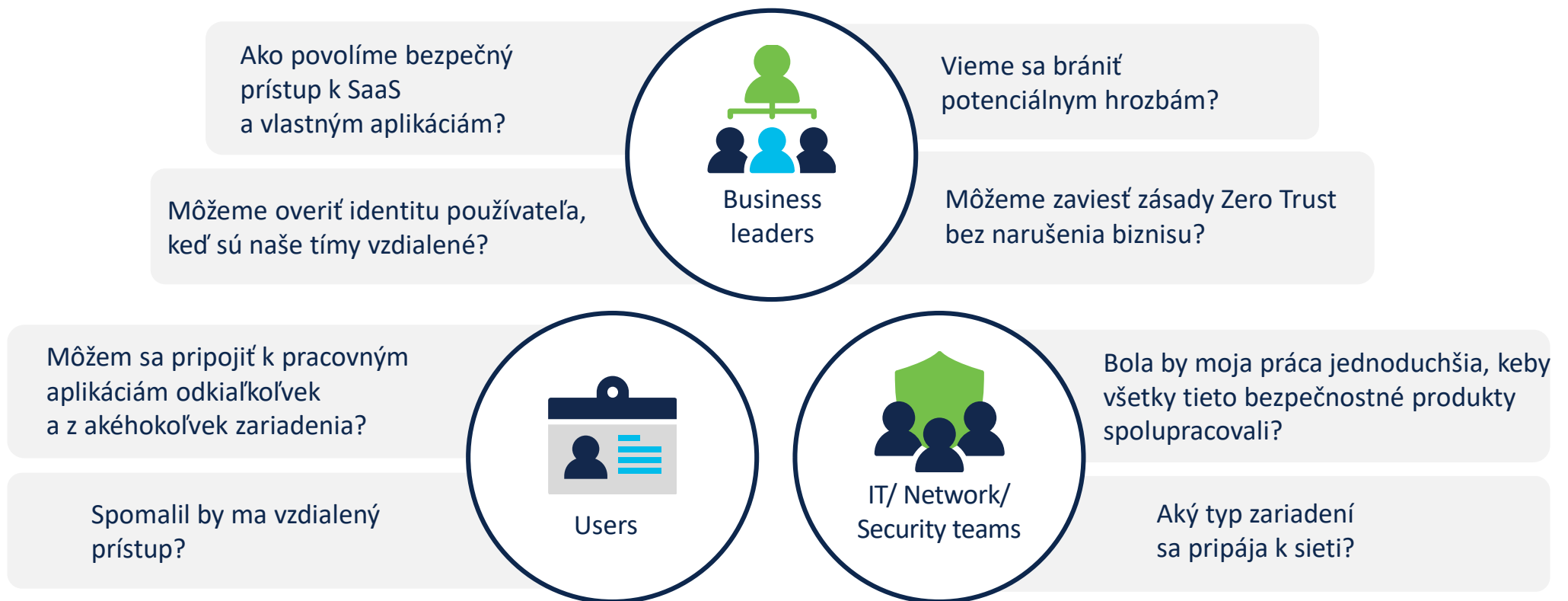


Je to firewall

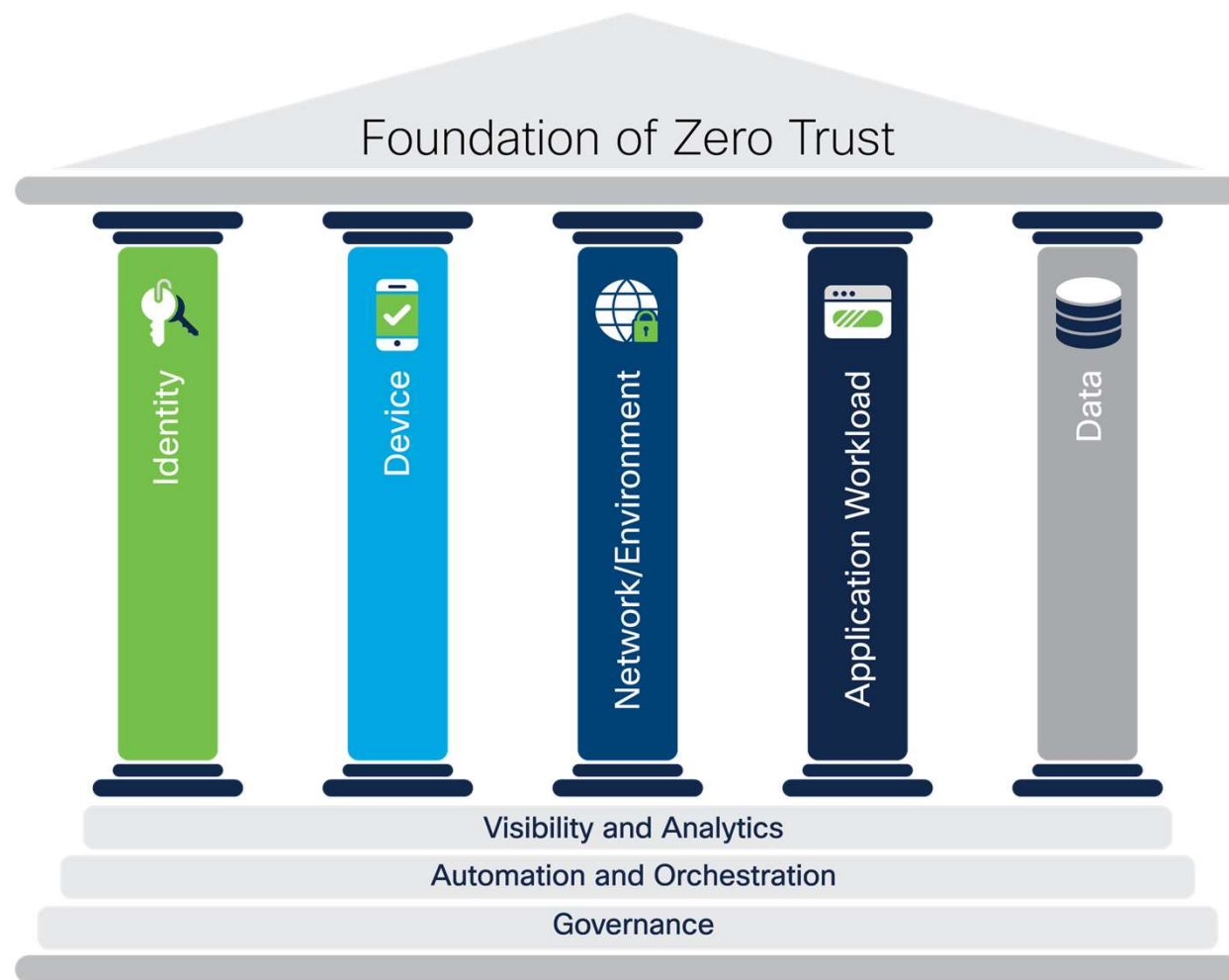


Je to identita

Čo Zero Trust znamená pre vás?

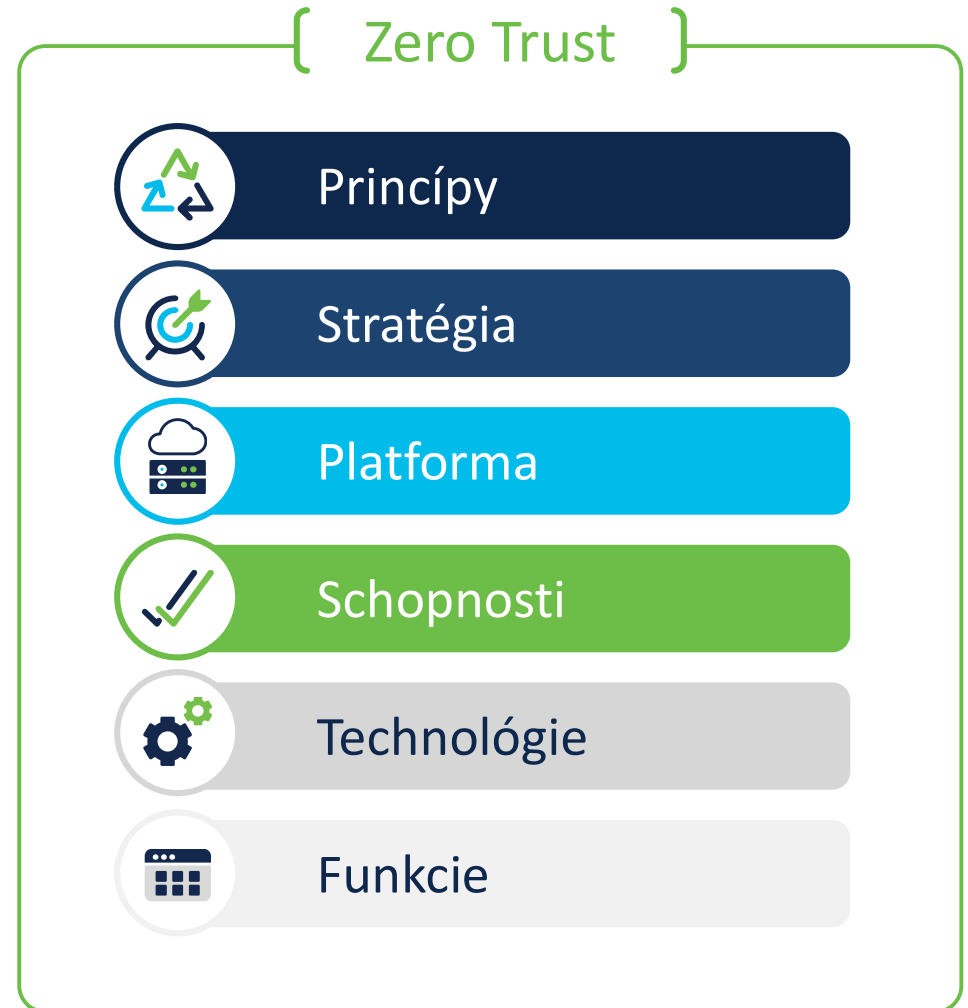


Zero Trust sa formuje Vznik predpisov a noriem



US Cybersecurity and Infrastructure Security Agency (CISA) Zero Trust Pillars

Zero Trust definujeme holisticky



Zero Trust

Základné princípy

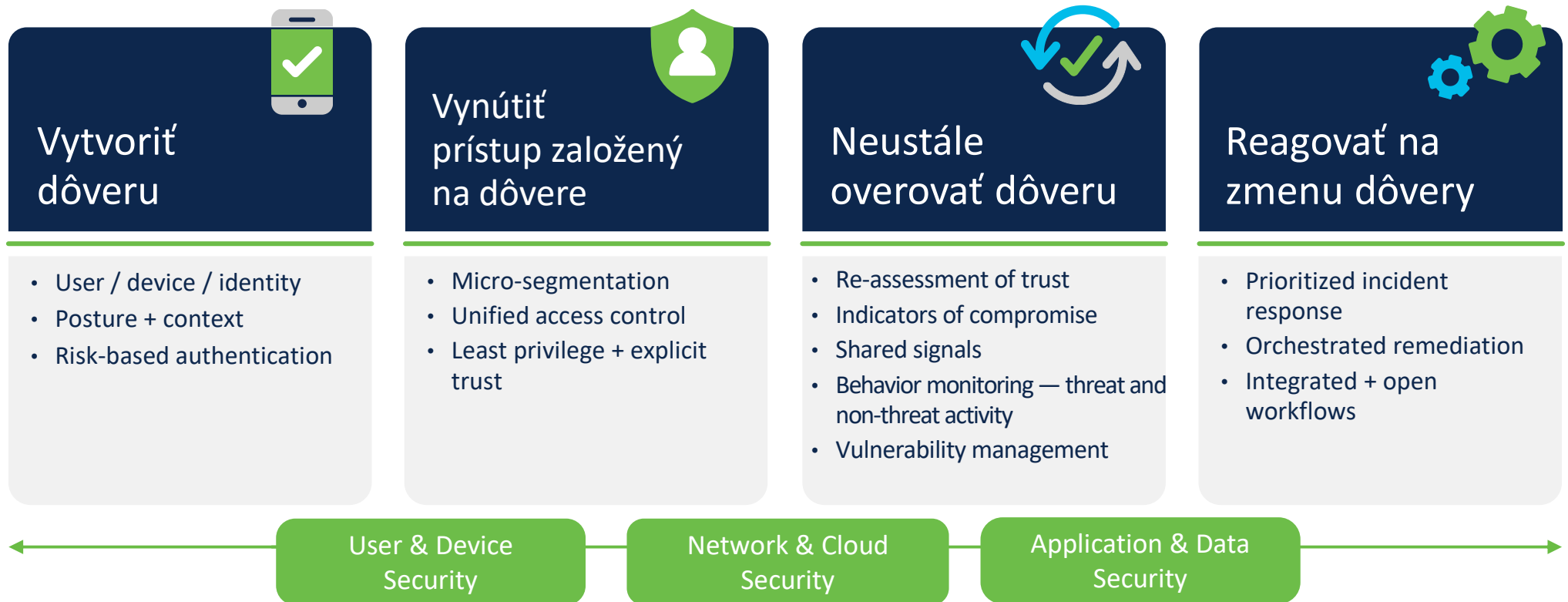
- ▶ Nedôverujte
- ▶ Vždy overujte
- ▶ Vynucujte
najmenšie privilégium

Zero Trust si vyžaduje elimináciu kompromisov



Cisco Zero Trust

Požiadavky na dosiahnutie Zero Trust

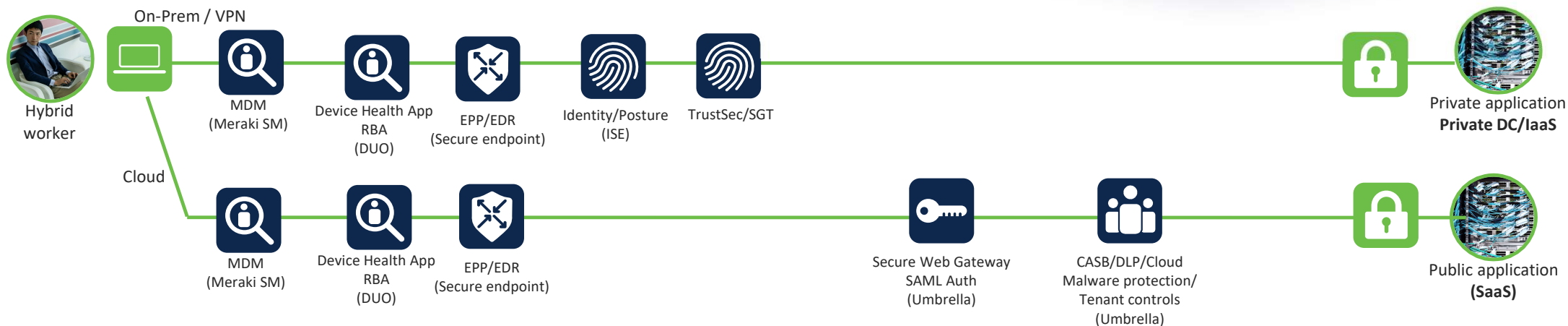
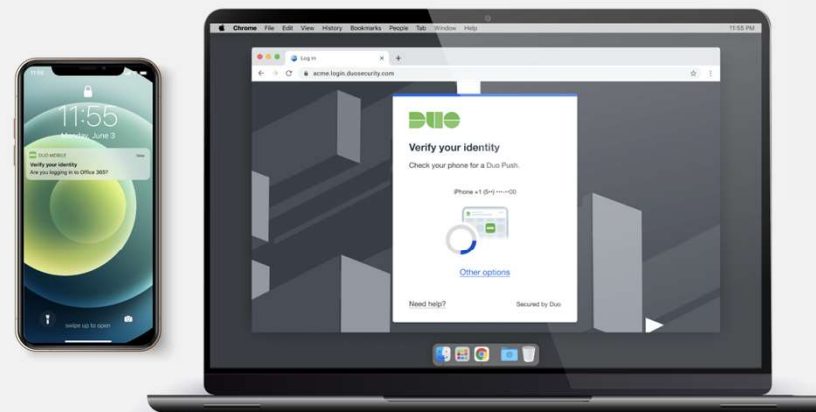
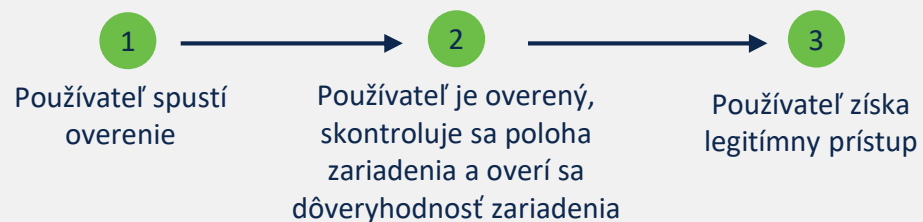


Zero Trust Trust Flows



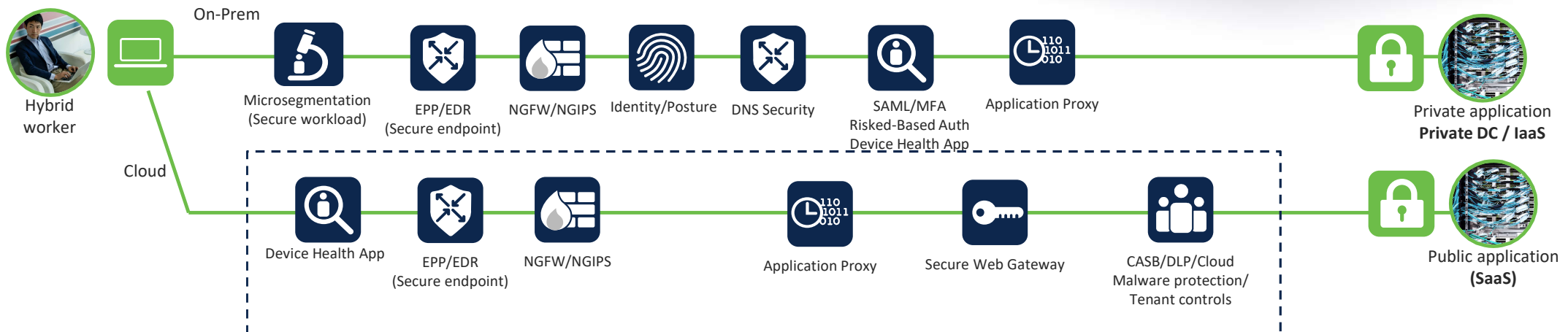
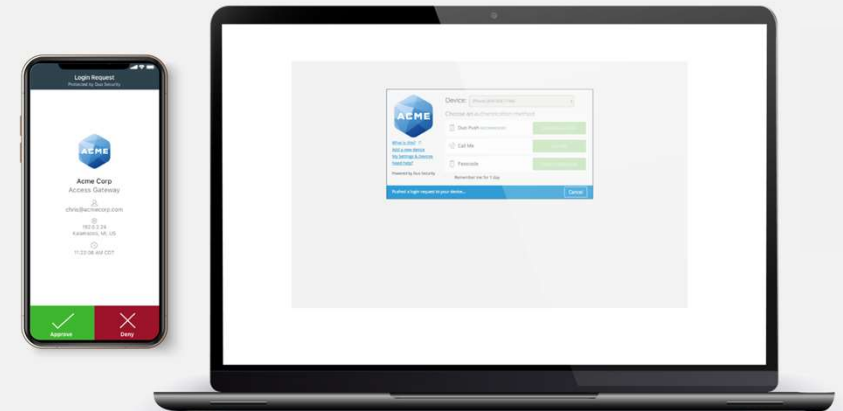
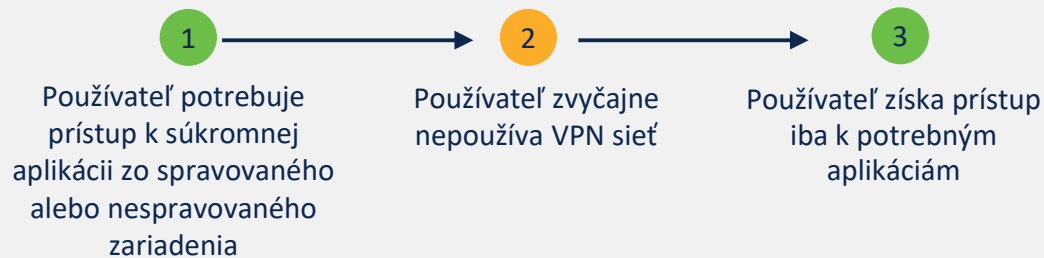
Vytvorenie dôvery

Hybridný používateľ, ktorý sa pokúša získať prístup k aplikácii z akéhokoľvek zariadenia



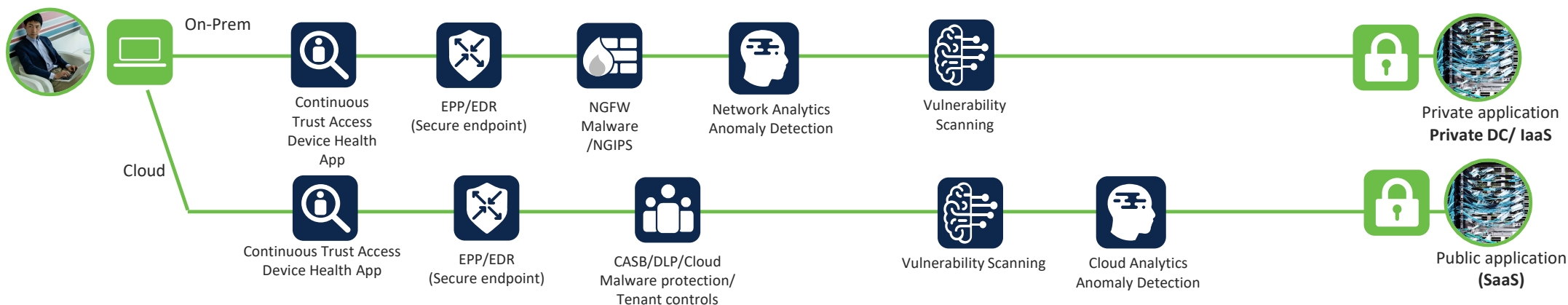
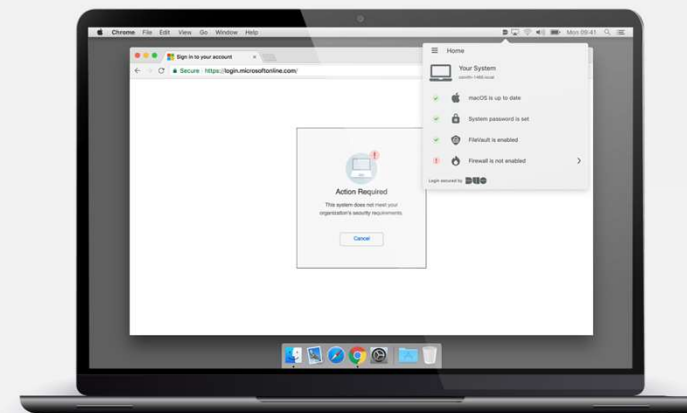
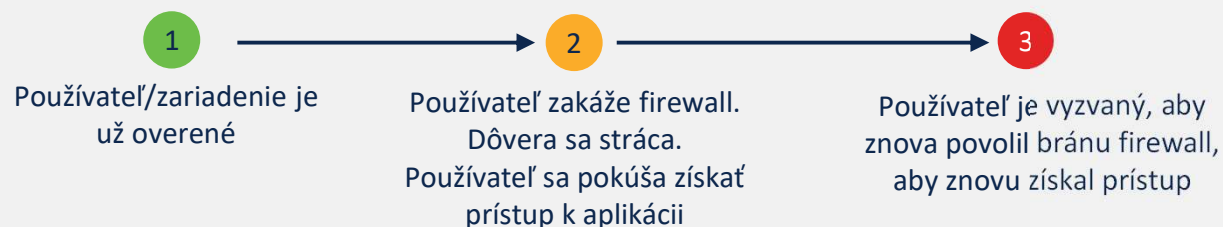
Vynútenie prístupu založeného na dôvere

Hybridný používateľ sa pokúša o prístup k súkromnej aplikácii v private cloud-e



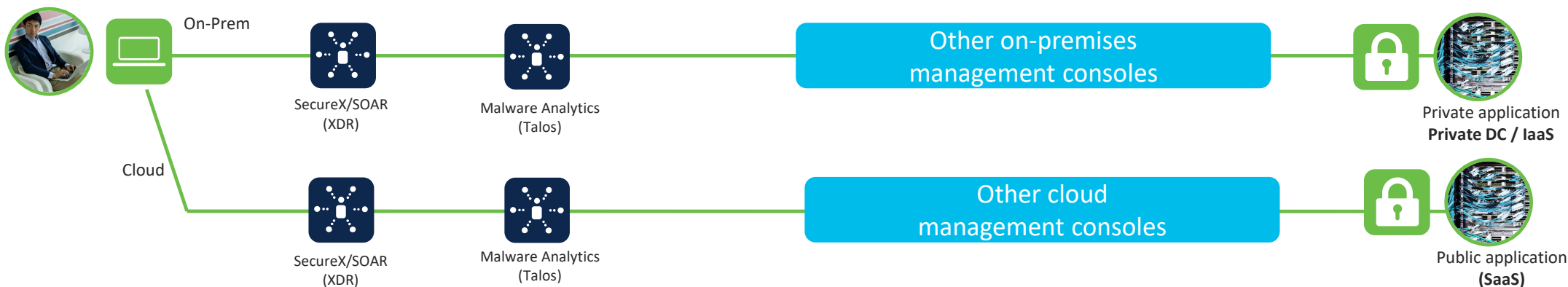
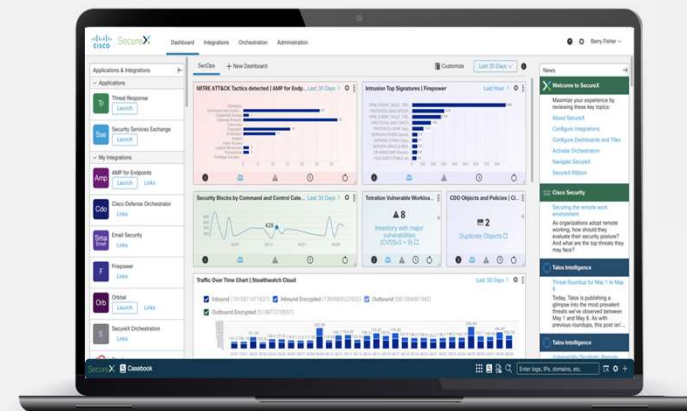
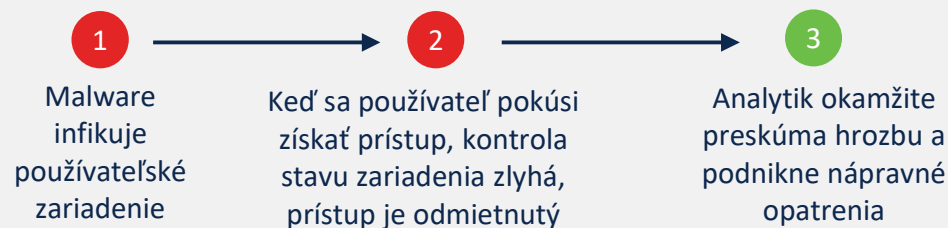
Neustále overovanie dôvery

Hybridný používateľ a správanie sa zariadení ovplyvňuje úroveň dôveryhodnosti



Reakcia na zmenu v dôvere

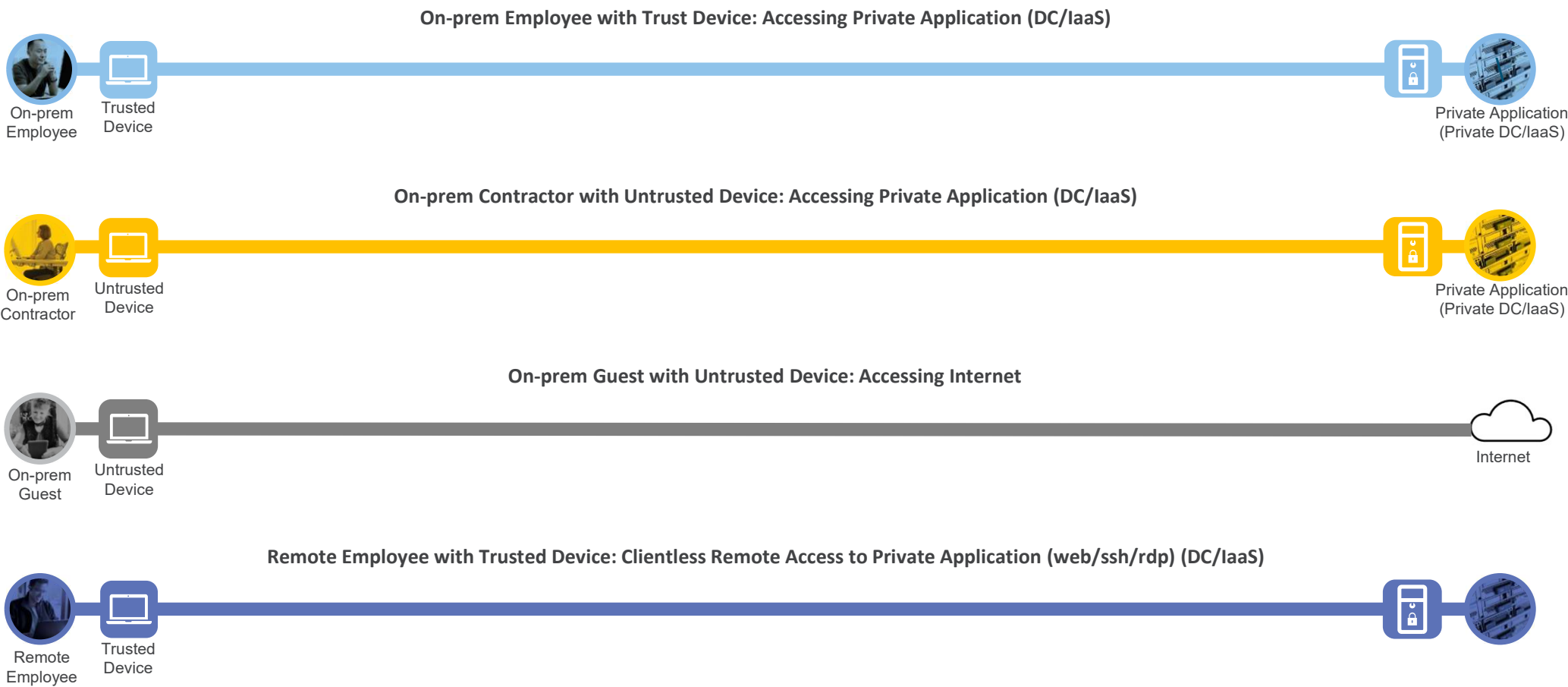
SecOps odhaľuje zariadenie hybridného používateľa infikované malvérom



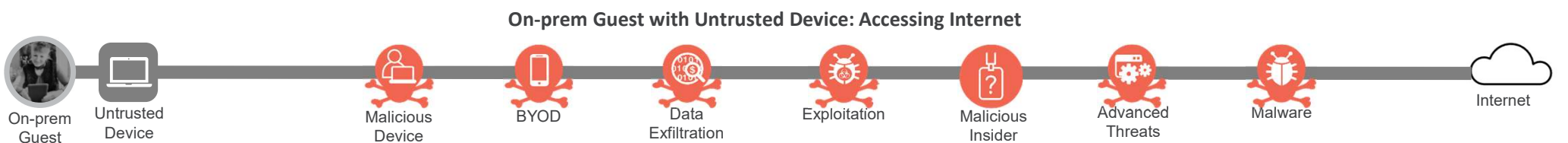
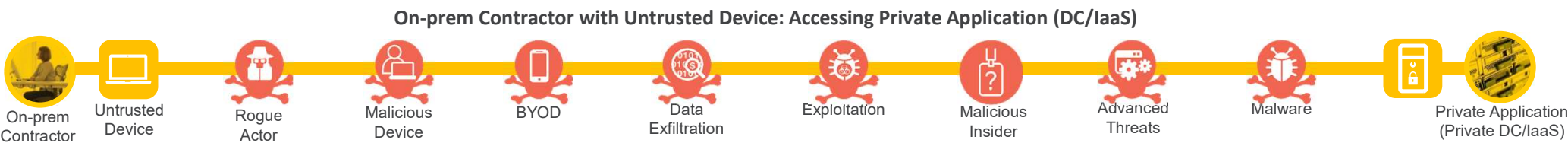
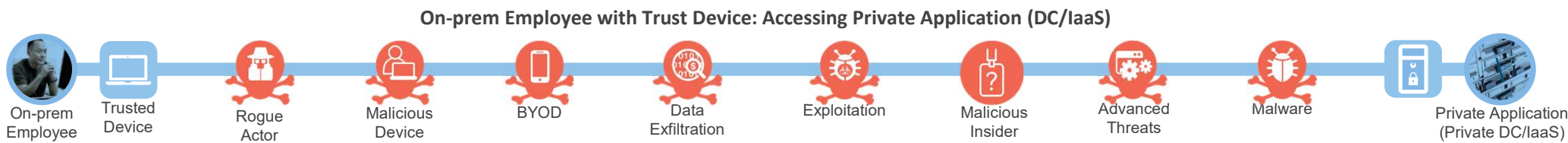
Zero Trust Business Flows



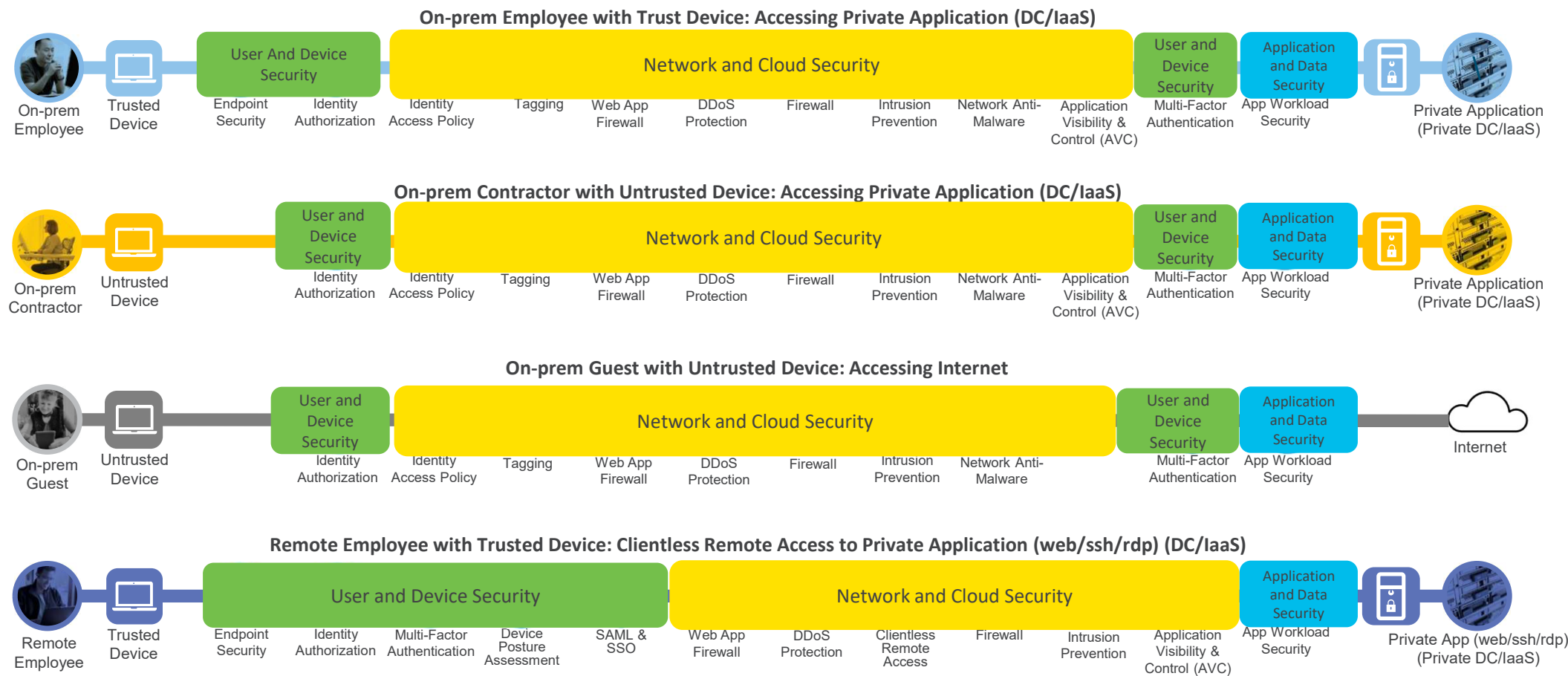
Zero Trust Business Flows



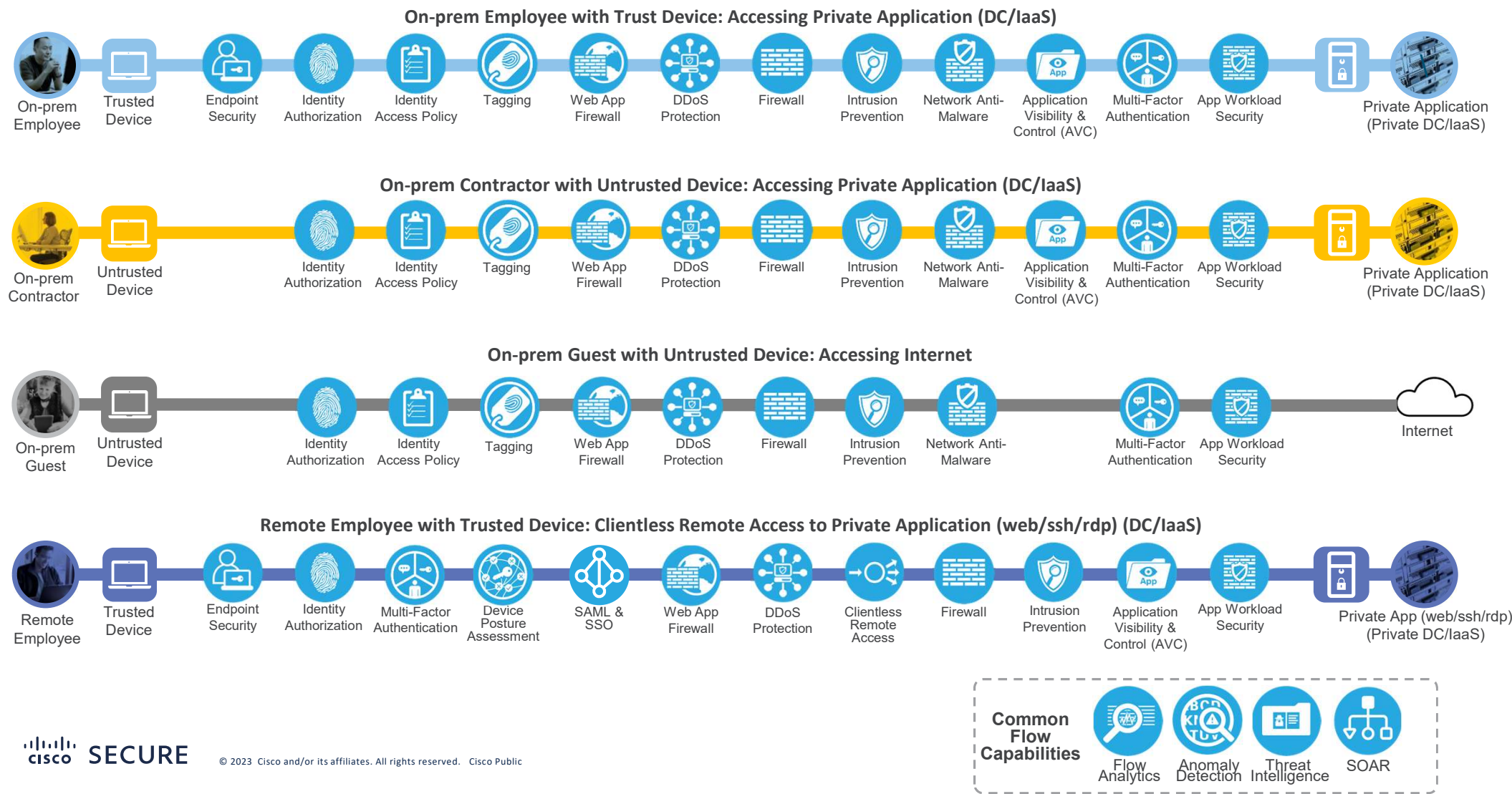
Zero Trust Business Flows with Threats



Zero Trust Business Flows with Cisco Zero Trust Principles



Zero Trust Business Flows with Security Capabilities



SAFE CVD: Cisco Zero Trust Architecture Guide

- More ZT capabilities guidelines



Cisco Zero Trust Architecture Guide Deck

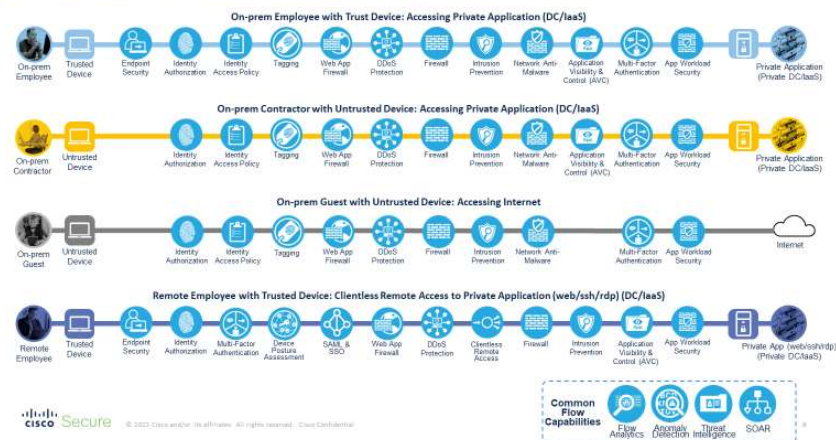
Solution Architecture Team – SAFE CVDs
July 5, 2022

By Albra Welch and SAFE CVD Team

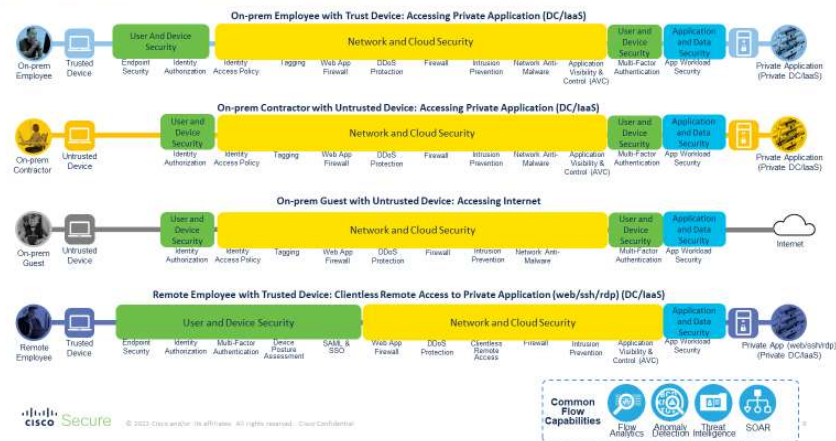


© 2024 Cisco and/or its affiliates. All rights reserved. Cisco

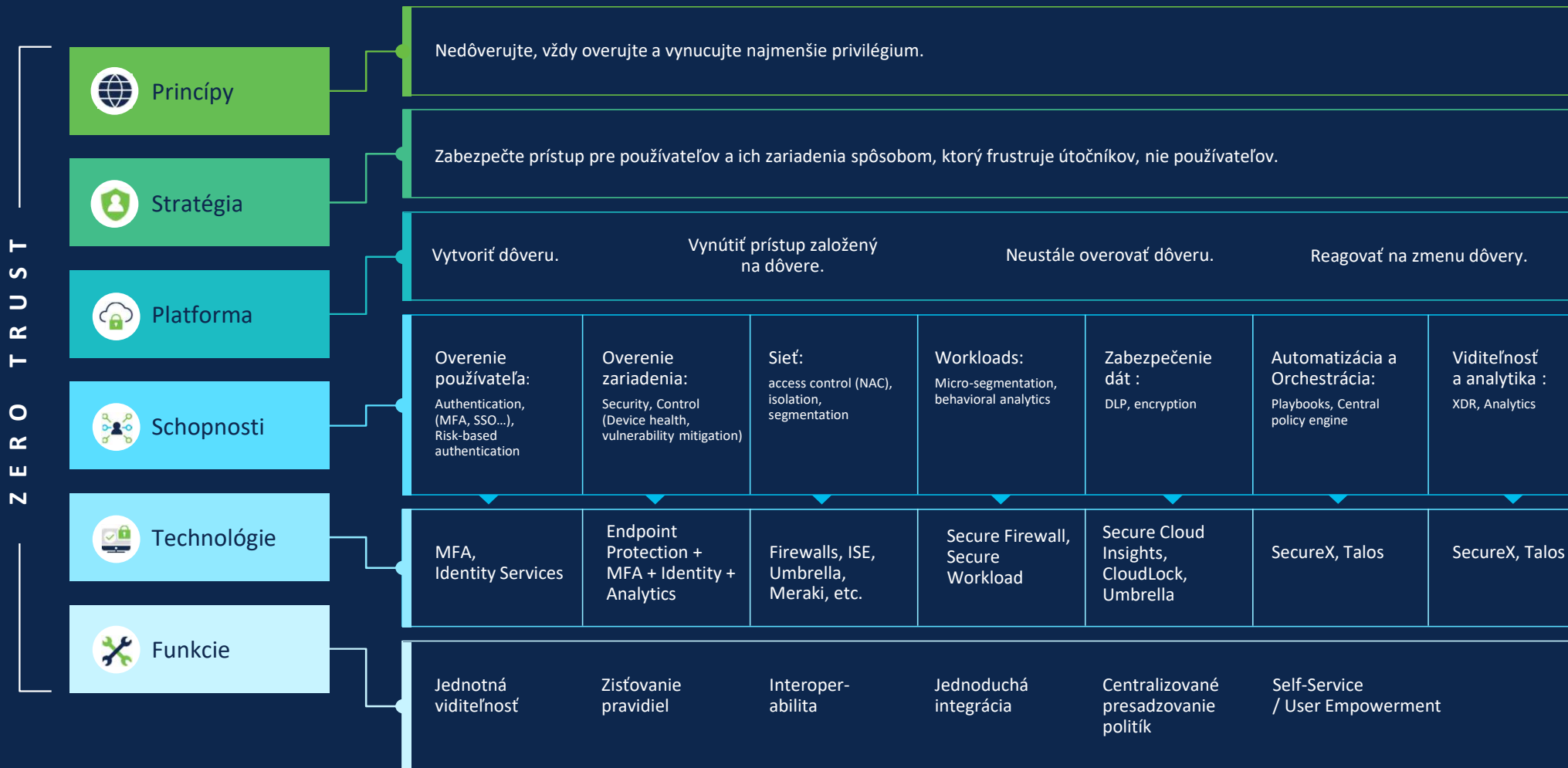
Zero Trust Business Flows with Security Capabilities



Zero Trust Business Flows with Cisco Zero Trust Principles



Zero Trust Zhrnutie



Cisco líder v oblasti Zero Trust

“Cisco posúva hranice Zero Trust tým správnym smerom”

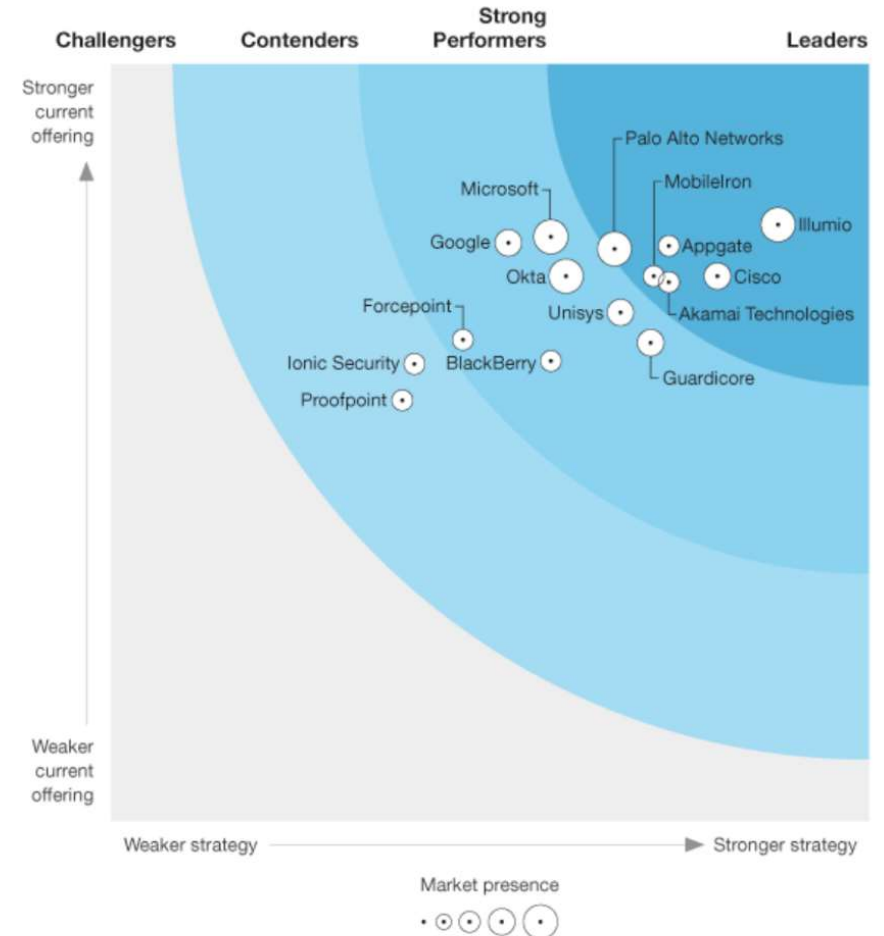
The Forrester Wave™: Zero Trust extended Ecosystem Platform Providers, Q3 2020

The Forrester Wave™ is copyrighted by Forrester Research, Inc. Forrester and Forrester Wave are trademarks of Forrester Research, Inc. The Forrester Wave is a graphical representation of Forrester's call on a market and is plotted using a detailed spreadsheet with exposed scores, weightings, and comments. Forrester does not endorse any vendor, product, or service depicted in the Forrester Wave. Information is based on best available resources. Opinions reflect judgment at the time and are subject to change.

THE FORRESTER WAVE™

Zero Trust eXtended Ecosystem Platform Providers

Q3 2020





 **SECURE**