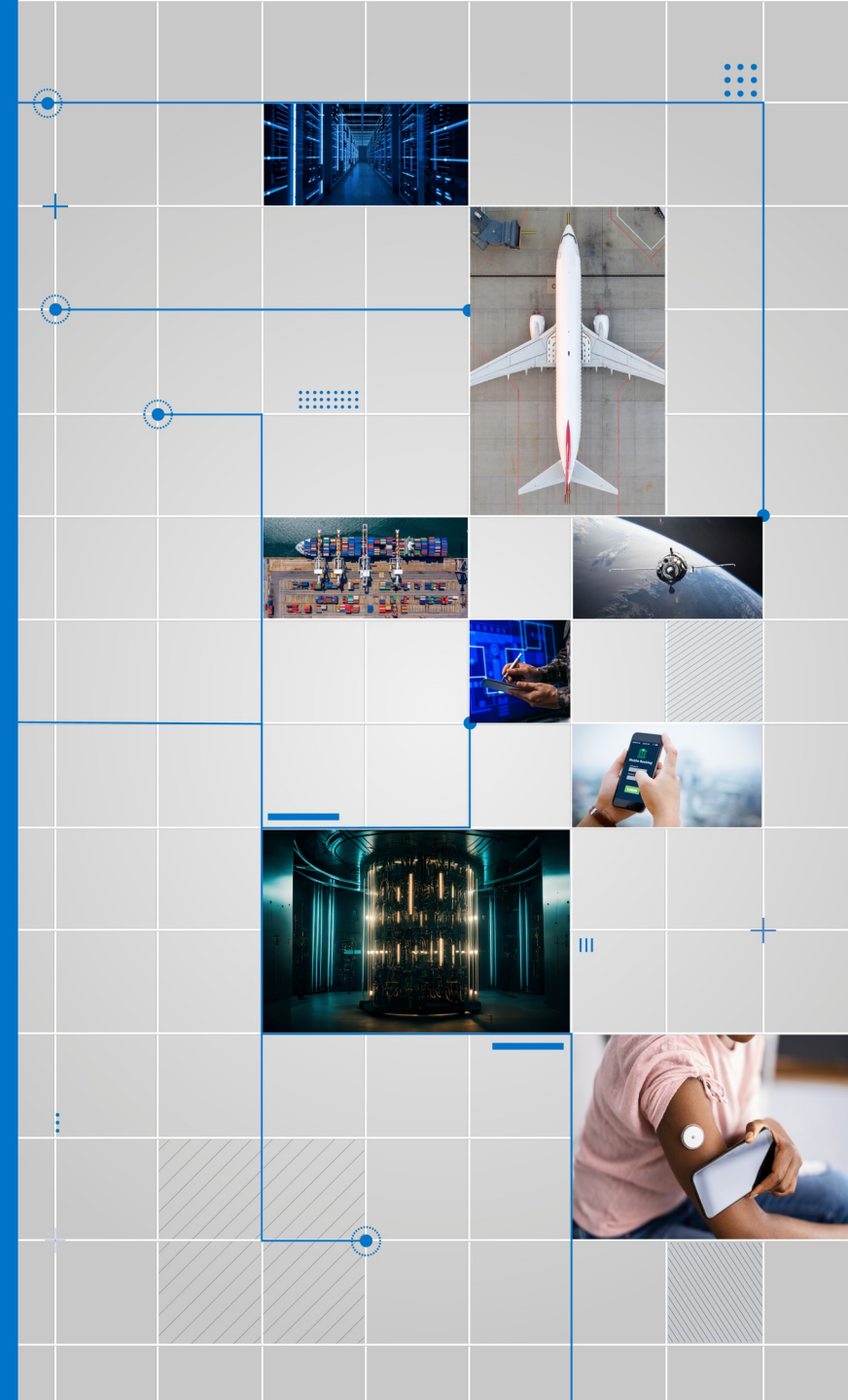




TRUST SUMMIT ROAD SHOW

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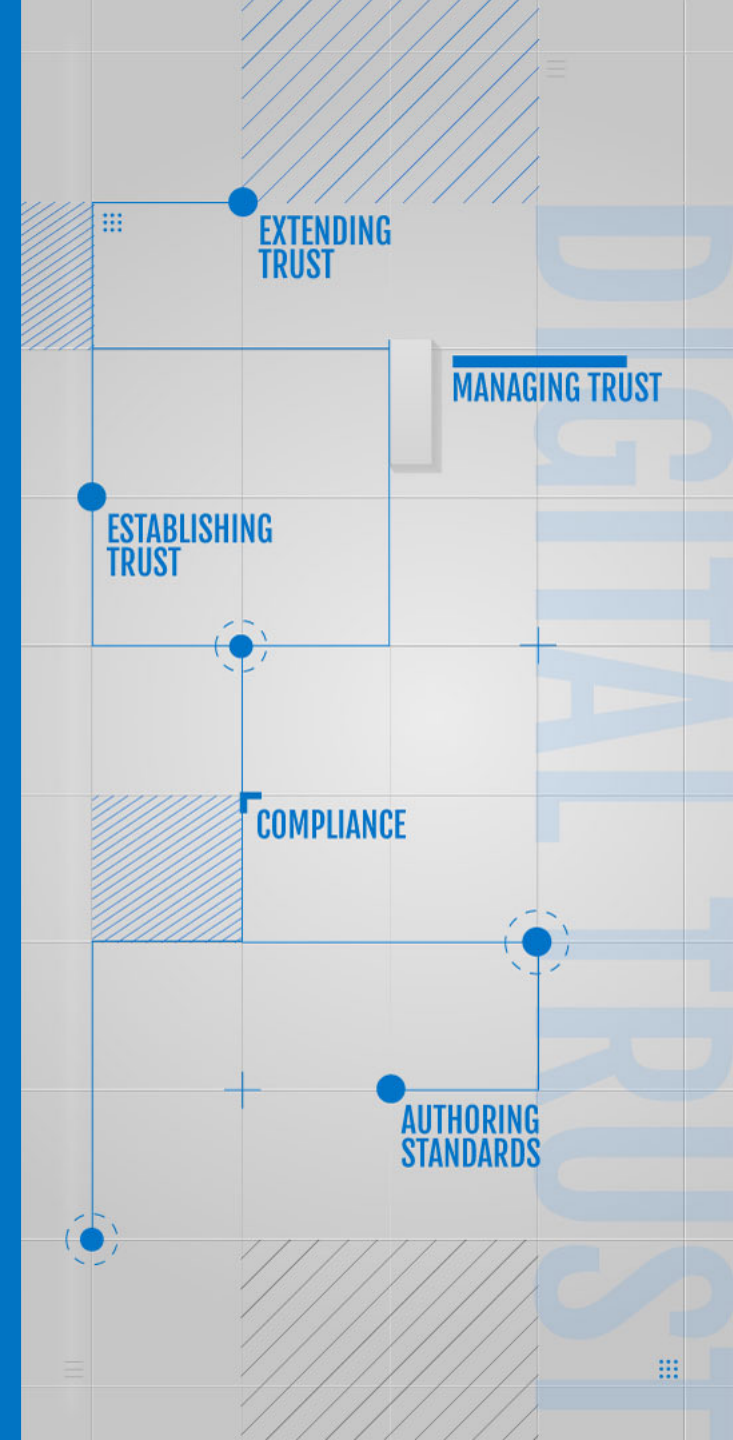
PKI POSSIBILITIES

Anthony Ricci

Senior Director of Product Solutions

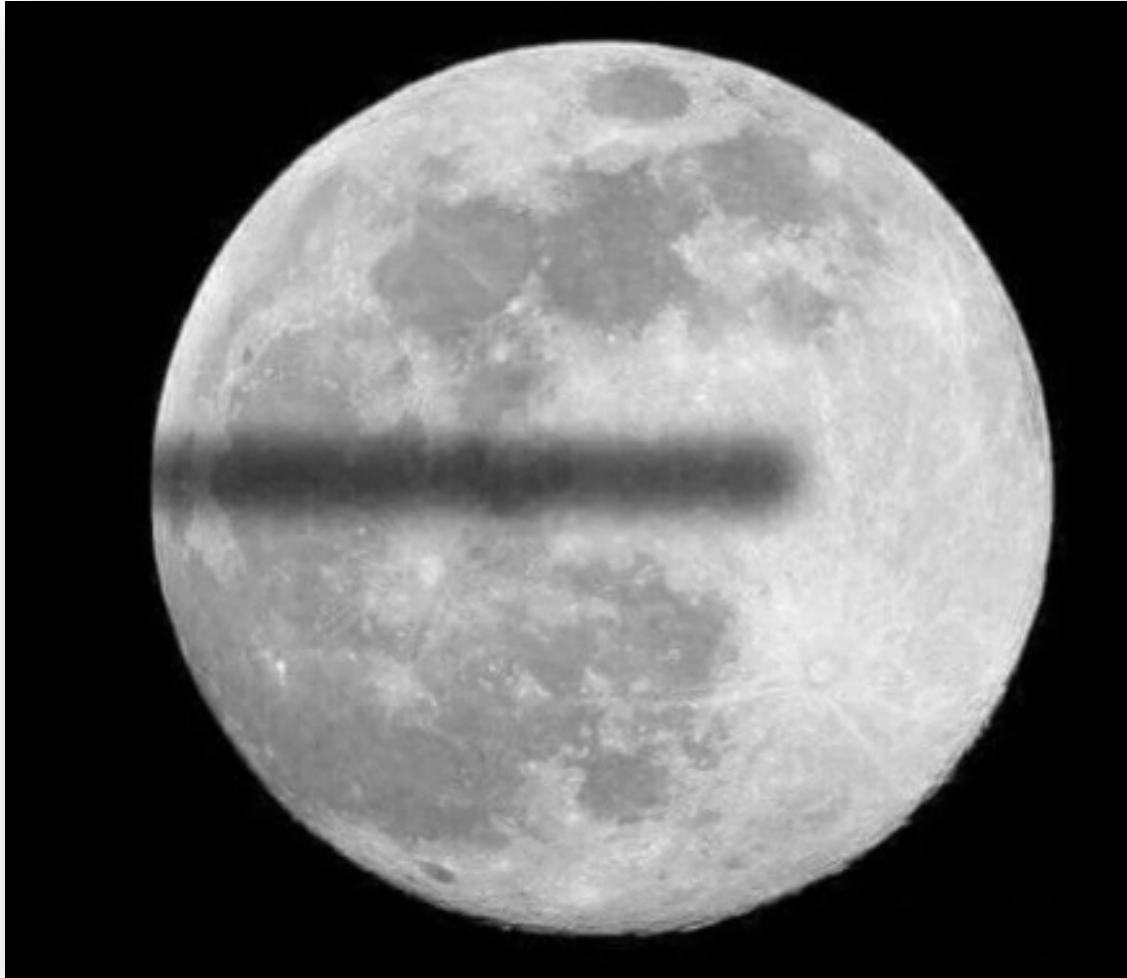
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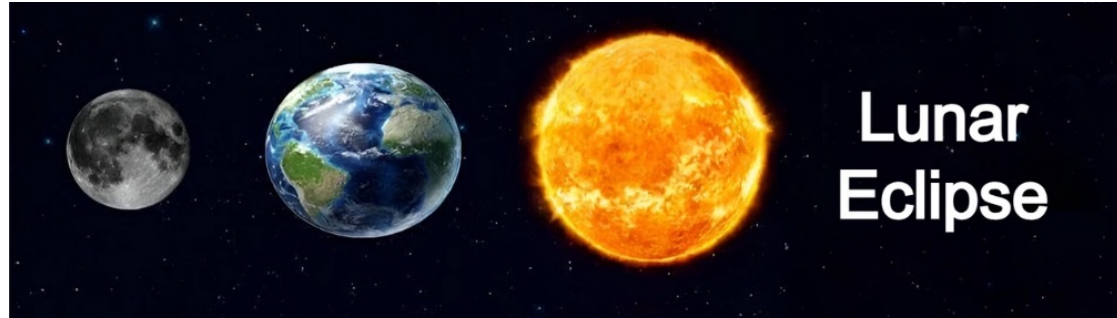


I  **NY**®

FLAT EARTH SOLAR ECLIPSE?!! OR LUNAR?



DIFFERENCES BETWEEN LUNAR AND SOLAR



SOLAR ECLIPSE — AUSTIN, TEXAS

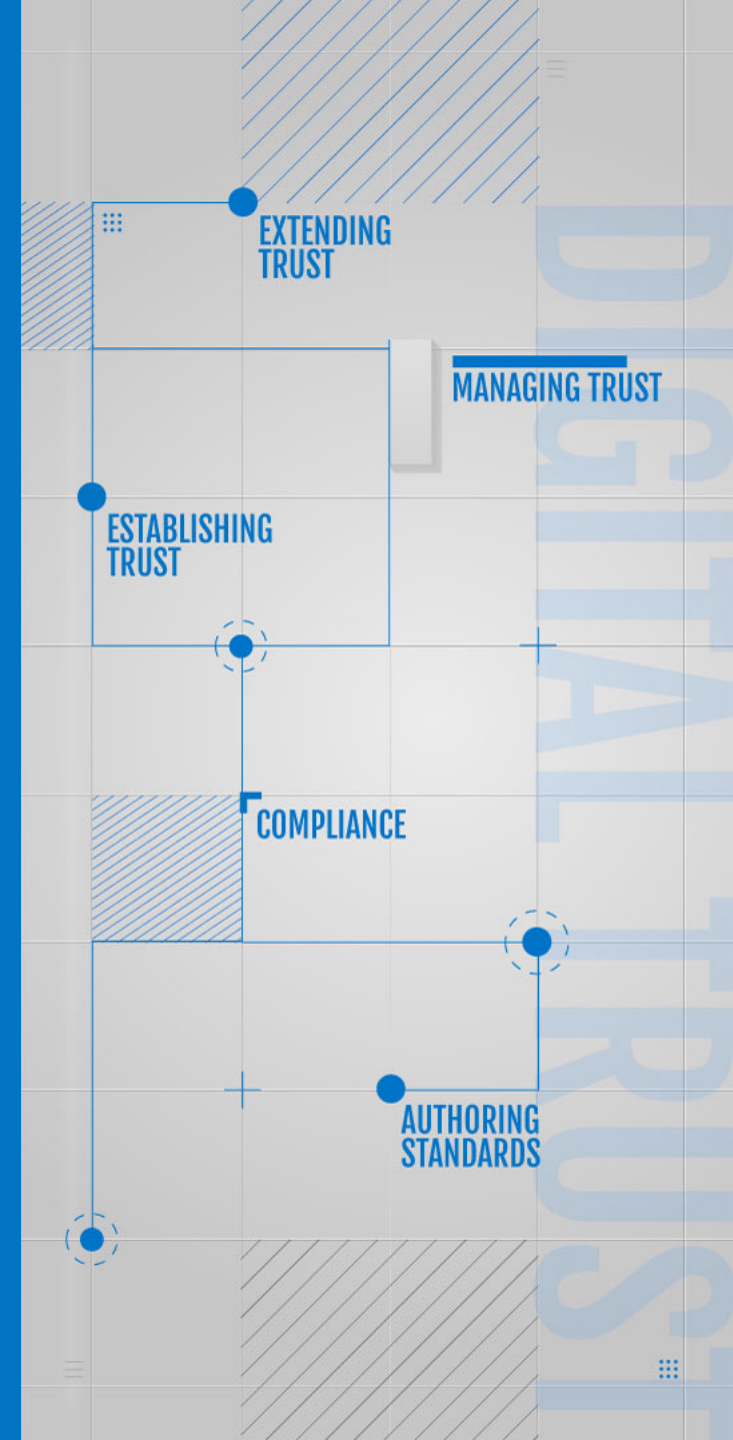


* Compliments of Brian Trzupek

PKI POSSIBILITIES

Modernization, Crypto-Agility, Public and Private Use Cases, and Securing Cloud Workloads

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**“ENTERPRISES
REMAINED FOCUSED
ON DIGITAL TRUST”**



* 2024 DigiCert: The State of Digital Trust

THE STATE OF DIGITAL TRUST NOW?



Just **1 in 100** say their Digital Trust practices are **extremely mature**.



87% Organization's departments are "**siloed**", functioning independently, hindering a unified security approach



only **1%** can respond **extremely quickly** to security incidents



Underprepared for Post Quantum Cryptography



61%

* 2024 DigiCert: The State of Digital Trust

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OTHER IMPACTS TO DIGITAL TRUST: AI



Artificial intelligence (AI) estimated market size of **\$102 billion by 2032.**

Strong cybersecurity measures will be even more critical in the future with the development of AI technologies.



COMMON PAIN POINTS

Enterprise Certificate Management



IT Admin Burden & Costs



Limited Crypto Asset Visibility



Vulnerabilities That Need Remediation



Unknown Certificate Inventory

PRACTICES THAT INCREASE RISK



Spreadsheet Inventorying



Fire and Forget Mentality

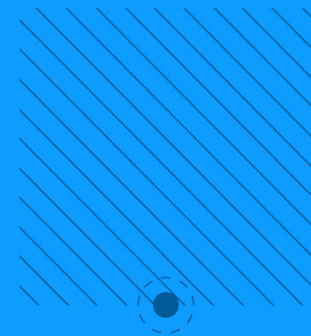


Misconfigured & Outdated PKI



Do it yourself Certificate Management

CUSTOMER CHALLENGES



CERTIFICATE VISIBILITY



DISCOVERY

Sonali
Director of IT

NEEDS

- Identify all public & private SSL/TLS
- Mapping & inventorying
- Centralized cert. management, control & provisioning



Common Challenges

- ☒ Various scanning tools
- ☒ Hands off automation
- ☒ Better ITOM/CMDB management
- ☒ Find all cryptographic assets

Life would be better with:



**Better
Visibility**



**CA
Agnostic**



**Reduced
Risk**



**Better Policy
Enforcement**

CLOUD NATIVE WORKLOADS



CLOUD MANAGED

Derek
DevOps Architect

NEEDS

- At-scale cloud managed PKI
- Identity & authentication of cloud-connected systems
- Security for cloud storage, enterprise systems, containerization, virtualization



Common Challenges

- ✓ Multi-Cloud Architecture
- ✓ Platform-agnostic Policy Management
- ✓ Corporate Governance Interference
- ✓ Zero Trust Architecture

Life would be better with:



**Operational
Efficiency**



**Service
Mesh**



**System
Authentication**



**Flexible
Deployment**

Cloud-native workload security

WORKFLOW EXTENSIBILITY & FLEXIBILITY



INFRASTRUCTURE ORCHESTRATION

Sheila
Infrastructure Analyst

NEEDS

- Enrollment/renewal & management for a variety of appliances & applications
- Automation & centralization across distributed systems
- Native integrations – EST/SCEP/ACME



Delivering at-scale uptime and availability

Common Challenges

- ☒ M&A/Divestiture
- ☒ Automation for all devices/servers/etc.
- ☒ DR/Business Continuity
- ☒ Legacy systems

Life would be better with:



Automation



**Centralized
Management**



**Diverse
Integrations**



**ITSM/CSR
Support**


FRICTIONLESS ACCESS



SECURE ACCESS MANAGEMENT

Jared
Senior IAM

NEEDS

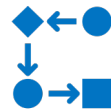
- MDM enrollment user-owned & BYOD devices
- Automated provisioning and revocation
- Authentication for connected servers, users & devices across multiple countries 

3X increase in remote workers, requiring more robust user, network & device ID and authentication

Common Challenges

- ☒ Streamline Workforce Management
- ☒ IAM Automation at scale
- ☒ Proper Access Control
- ☒ Multi IdP/Identity Management

Life would be better with:



**Supported
Integrations**



**Pre-configured
Templates**



**Streamlined
Issuance**



Automation

MANAGED PKI FOR DIGITAL TRUST



MANAGED PKI

Maria
Sr. PKI Administrator

NEEDS

- Using legacy disparate PKI & card management systems.
- Better linkages and workflows to platforms
- Configuration and management of trusted roots



The number of PKI certificates companies need to manage has grown by 43%

Common Challenges

- ✓ Certificate policy & statements
- ✓ Secured Roots & ICAs
- ✓ Reliable revocation services
- ✓ PKI Expertise Retention

Life would be better with:



**CA
Expertise**



**At-Scale
Operations**



**Rigorous
Tooling**



**Custom
Requirements**



HOW CAN WE HELP?

WHY DIGICERT?



Reduces Risk of
Business Disruption



Secures Attack Surfaces
and Improves Agility



Drives Digital Innovation
with Real World Impact

TRUSTED GLOBALLY BY INDUSTRY LEADERS

93%

Of the Top 100 global
financial services firms

80%+

Of the
Fortune 500

180

Countries with
DigiCert customers



Securing the largest
cybersecurity firms



Excellence in
Customer support

DIGICERT TRUST LIFECYCLE MANAGER

TRUST LIFECYCLE MANAGER

Unify CLM, PKI & Public Trust Issuance

- ✓ Unified view / process
- ✓ Seamless issuance and management

Certificate Lifecycle Management



Centralize Visibility & Control

- ✓ Reduce risk of business disruption
- ✓ Streamline IT operations
- ✓ Improve agility

PKI Services



Secure Identity & Access

- ✓ Improve usability and adoption
- ✓ Close gaps in provisioning
- ✓ Reduce IT support burden

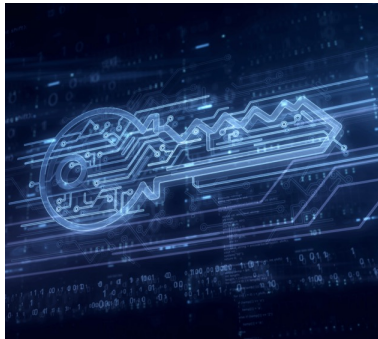
HOW CUSTOMERS DEPLOY TRUST LIFECYCLE MANAGER



DISCOVERY



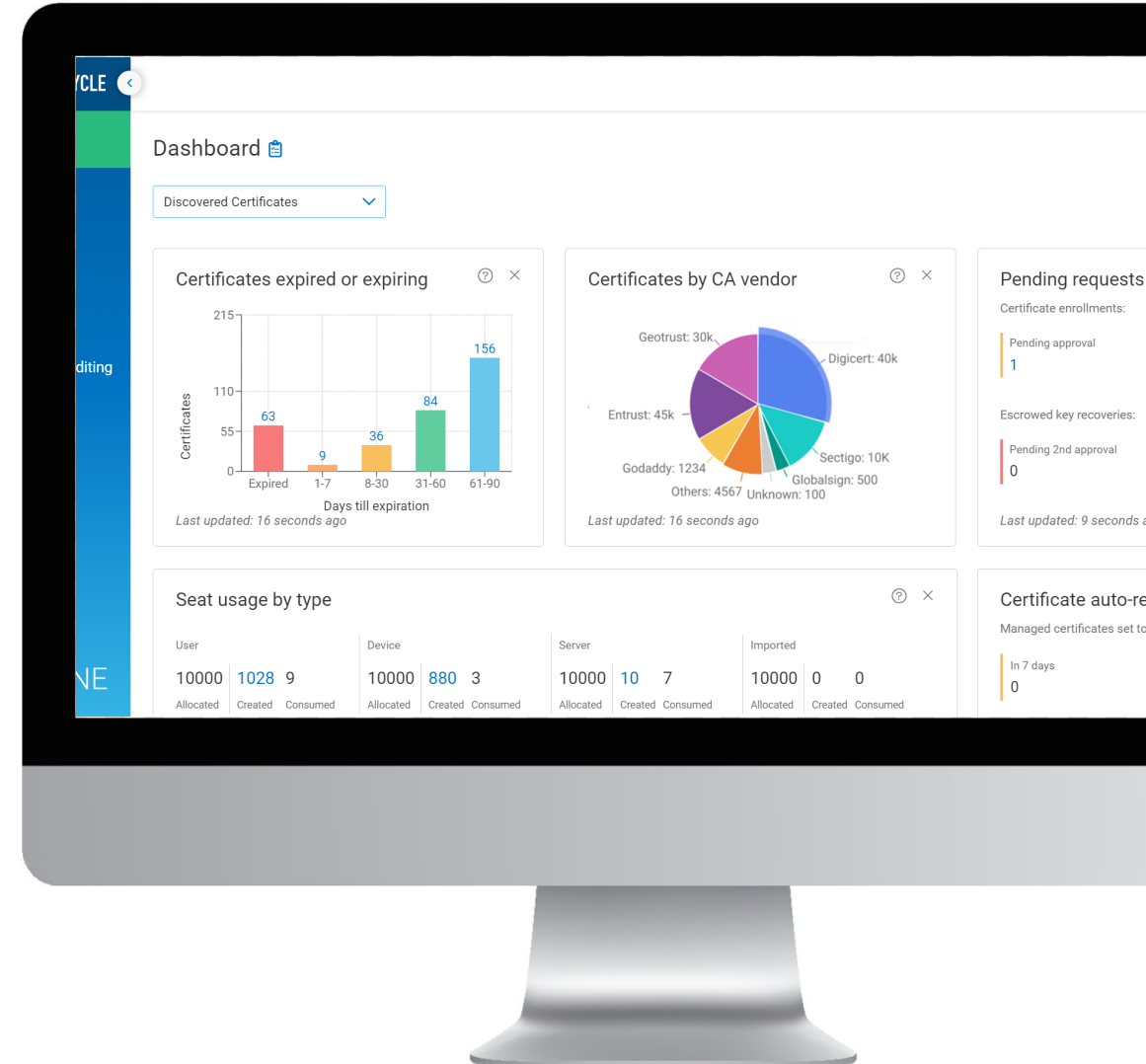
MANAGEMENT



CRYPTO- AGILITY



RISK REDUCTION



FLEXIBLE METHODS OF INTEGRATION

Integration Methods

CLIENTS

Client tools that automate installation and configuration for last-mile integration to end-user applications

PROTOCOLS

SCEP, EST, ACME

NATIVE

Preconfigured certificate templates with embedded integration

REST API

DIGICERT DIGITAL TRUST ECOSYSTEM

USERS



SERVERS



DEVOPS



CAs



digicert® ONE

CLIENTS

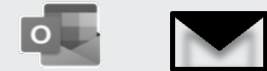
PROTOCOLS

APIs

GATEWAY

NATIVE

APPLICATIONS



DEVICES



DOCUMENTS



IT SYSTEMS



THANKS

digicert®

anthony.ricci@digicert.com

