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Securing Citrix Environments with SafeNet Trusted access

Last updated: December 2019

Thales & Gemalto: A New Profile

Our team

80,000
employees

Around the world

68
Countries
global presence

Revenue*

around
€19bn

A balanced
revenue structure

60%
Civil

40%
Defence

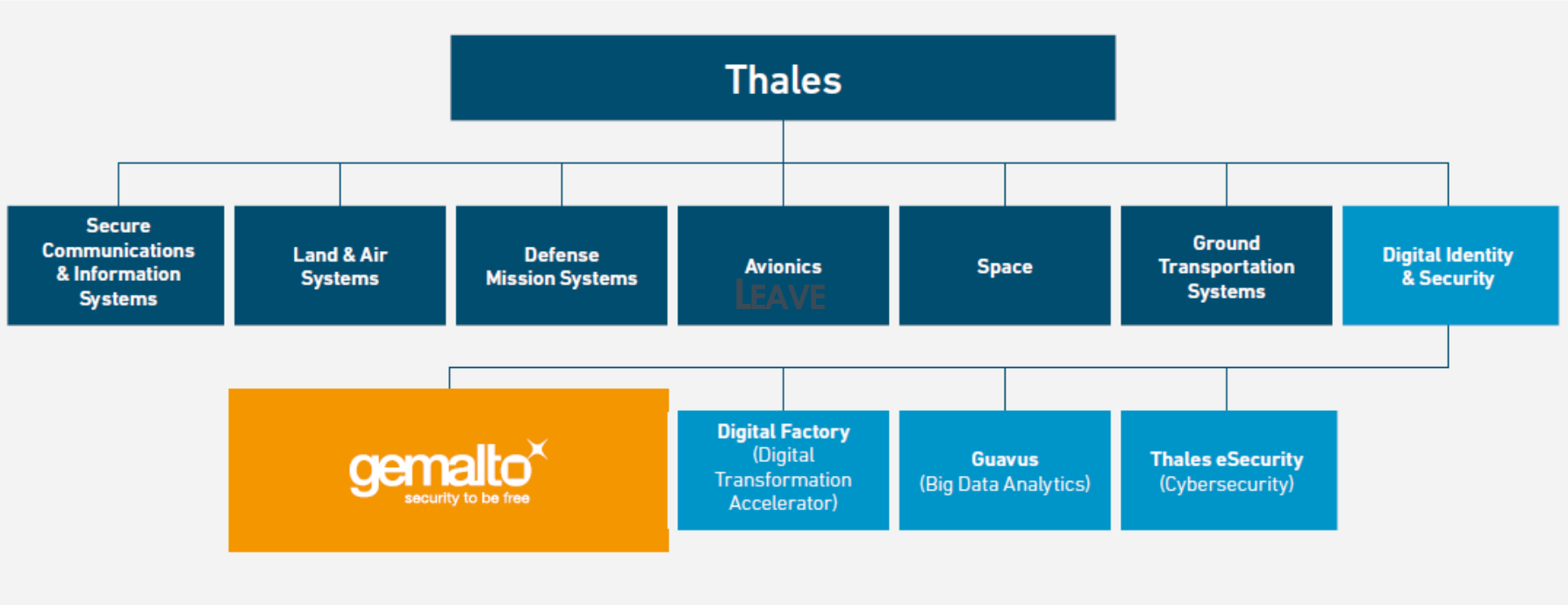*Based on Thales and Gemalto reported 2017 consolidated income statements.

Innovation
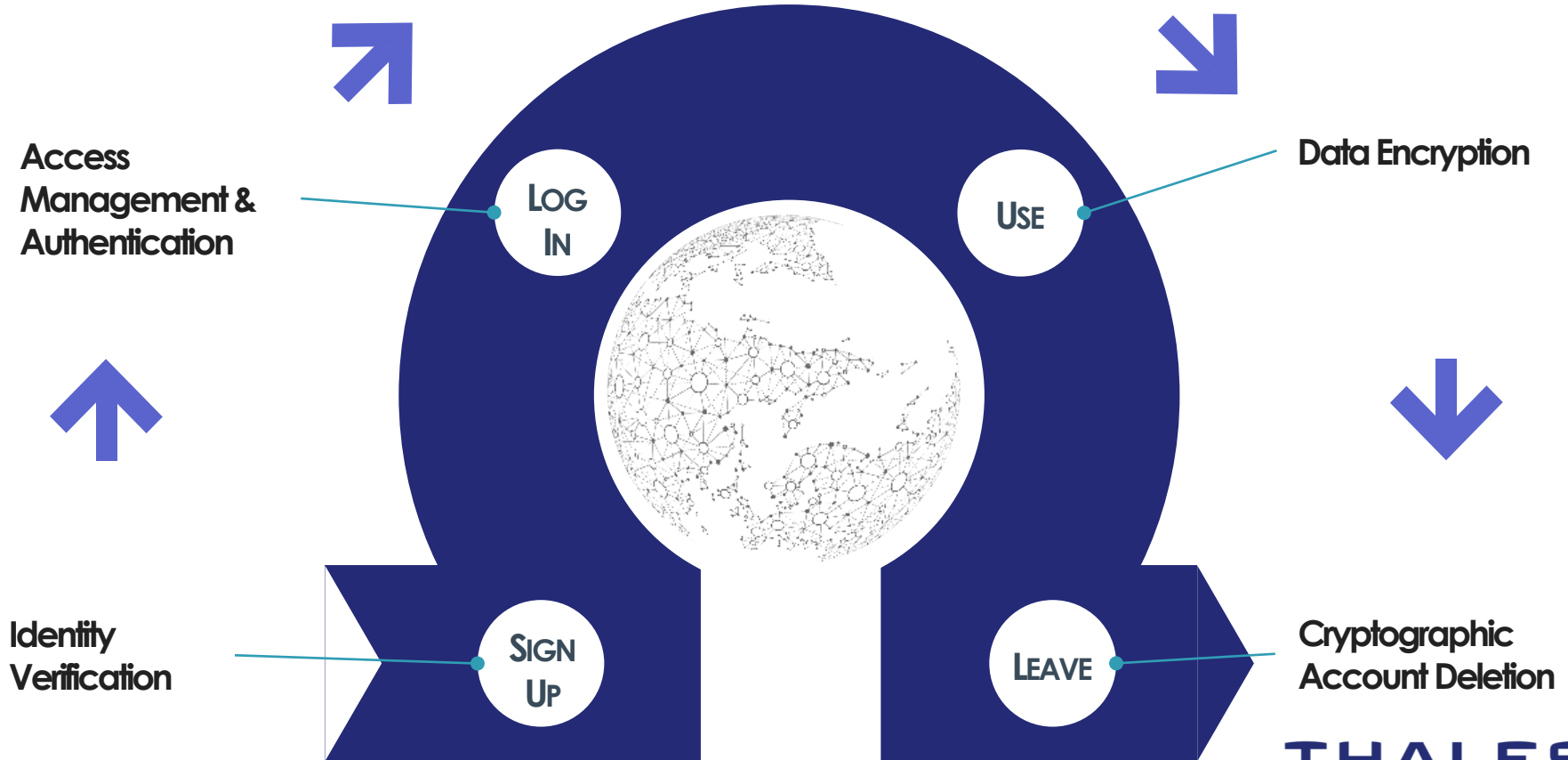
€1bn+
self-funded
R&D* 2017

Does not include externally financed R&D.

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Thales Cloud Protection & Licensing

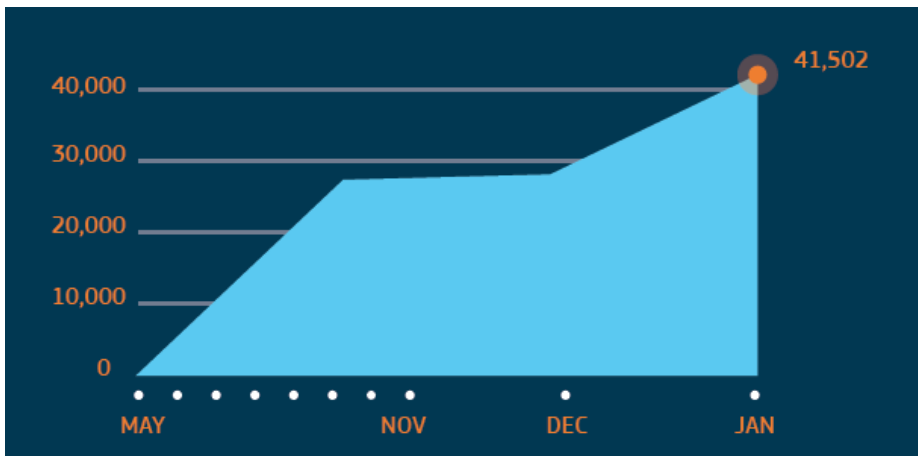**Combining existing digital assets in a dedicated global business unit**

Protecting the entire digital service cycle

Access Management & Authentication

Data Encryption

LOG IN

USE

Identity Verification

SIGN UP

LEAVE

Cryptographic Account Deletion

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Traditional security is no longer sufficient

Breaches are growing year-on-year across all sectors

Annual Cost of Cybercrime by Industry

Since May 2018, the EU has received 41,500 notifications of data breaches

41,502

(European Commission)

Industry	2017	2018
Banking	16.55	18.37
Utilities	15.11	17.84
Software	14.46	16.04
Automotive	10.70	15.78
Insurance	12.93	15.76
High tech	12.90	14.69
Capital markets	10.56	13.92
Energy	13.21	13.77
US Federal	10.41	13.74
Consumer goods	8.09	11.91
Health	12.86	11.82
Retail	9.04	11.43
Life sciences	5.87	10.91
Communications and media	7.55	9.21
Travel	4.61	8.15
Public sector	6.58	7.91

US$ millions

Legend
2017
2018

Ponemon 2019 Cost of Data Breach Report

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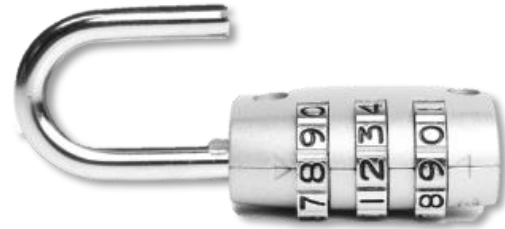# The main causes of cyber threats

Main cause of attacks

IDENTITY THEFT

69% of breach incidents came from identity theft

Main cause of damages

UNENCRYPTED DATA

95% of breaches involved unencrypted data

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SafeNet Trusted Access

Supporting the cloud and web-based apps you use...

Office 365 · salesforce · Google G Suite · amazon web services · GoToMeeting · box

zendesk · slack · servicenow · Dropbox · bambooHR · WORDPRESS

JIRA · Confluence · citrix ShareFile · EVERNOTE · MobileIron · Symantec BLUE COAT

IBM Connections · ORACLE WEBLOGIC · f5 · zscaler · PulseSecure · Drupal

SONICWALL · SAP Concur · paloalto NETWORKS GlobalProtect · splunk>enterprise · Workplace by facebook · CYBERARK

and many more...

More than 100 Apps and increasing constantly

Bring Your Own Apps

SAML 2.0 generic wizard

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SafeNet Trusted Access and Citrix

Access Management extends your Security Perimeter

CITRIX® Ready

Network Security

Secure the software perimeter

Access Management

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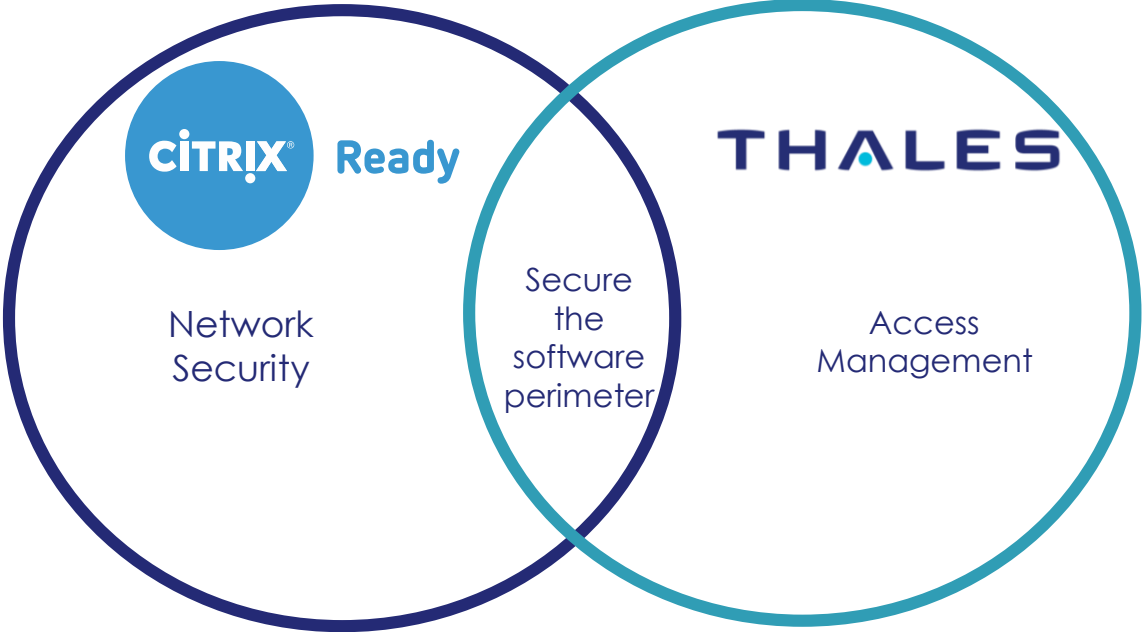
TOGETHER **Protect your core IT and enterprise apps**

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Extend your Security Perimeter
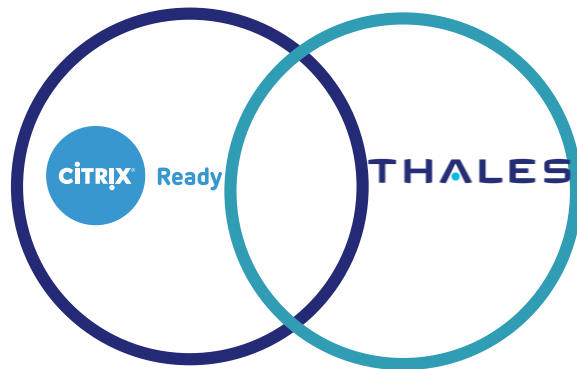
| Secure IT Boundaries at the software perimeter

| Reduce Password Fatigue with SSO

| Help enterprises embrace cloud transformation securely

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Full Suite of Citrix Integrations

Request Citrix product details

Compatible with

- NetScaler 10.0 MPX
- NetScaler 10.0 VPX
- NetScaler 10.1 MPX
- NetScaler 10.1 VPX
- NetScaler 10.5 MPX
- NetScaler 10.5 VPX
- NetScaler 11.0 MPX
- NetScaler 11.0 VPX
- NetScaler 11.1 MPX
- NetScaler 11.1 VPX
- NetScaler 12.0 MPX
- NetScaler 12.0 VPX
- NetScaler 12.1 MPX
- NetScaler 12.1 VPX
- NetScaler Gateway 10.0
- NetScaler Gateway 10.1
- NetScaler Gateway 10.5
- NetScaler Gateway 11.0
- NetScaler Gateway 11.1
- NetScaler Gateway 12.0
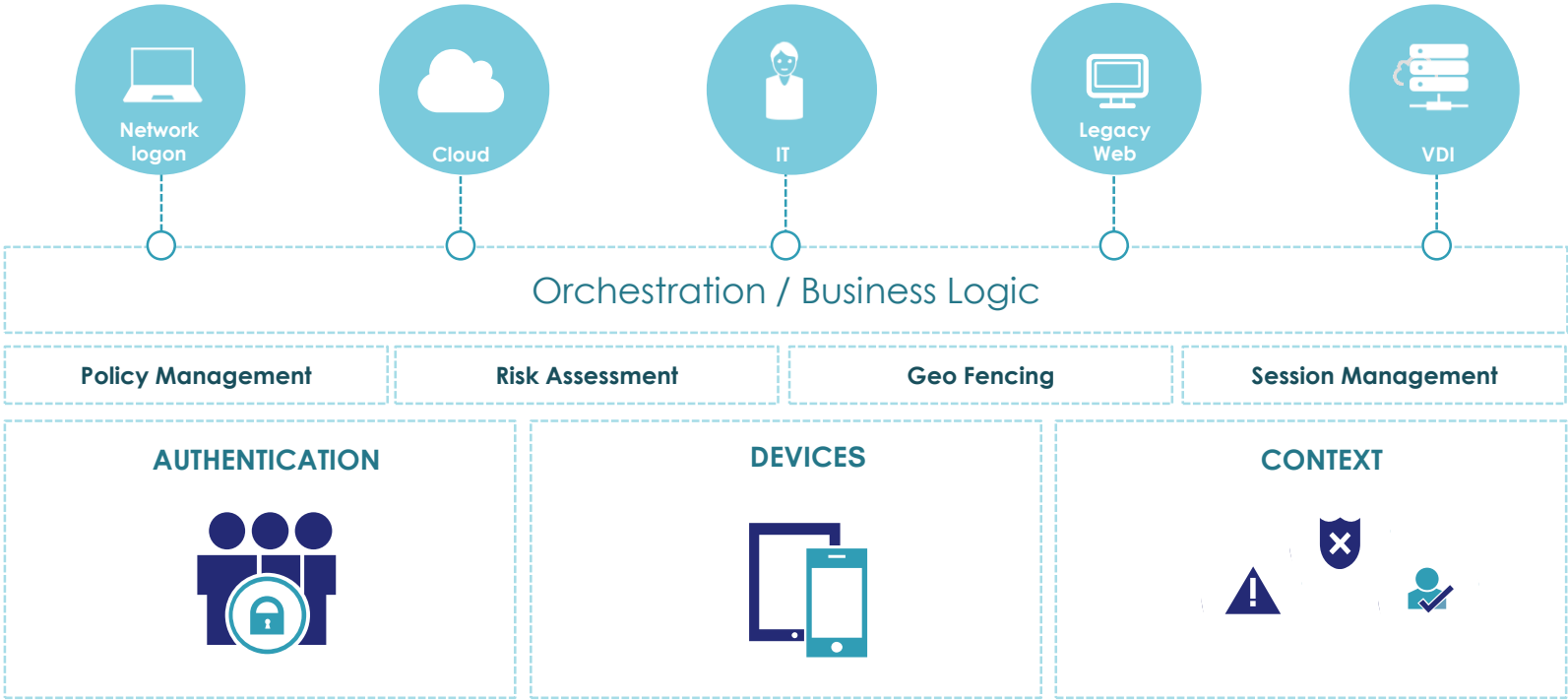- NetScaler Gateway 12.1

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Thales Solutions for Citrix Environments

Citrix Ready Certified

Managed from one backend, delivered in the cloud

Offers flexible per-user, per-month pricing

Quick and Easy Integration with Citrix Products using SAML 2.0 or OIDC

CITRIX® Ready

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SafeNet Trusted Access

Prevent Breaches | Secure Cloud Transformation | Simplify Compliance

Network logon

Cloud

IT

Legacy Web

VDI

Orchestration / Business Logic

Policy Management

Risk Assessment

Geo Fencing

Session Management

AUTHENTICATION

DEVICES

CONTEXT

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Streamlined for Administrators and End Users

1 User logs into protected Application

2 User is redirected to SafeNet Trusted Access for access attempt and user validation

3 STA validates access and returns a response

4 User gets access

Supports Multiple Authentication Methods

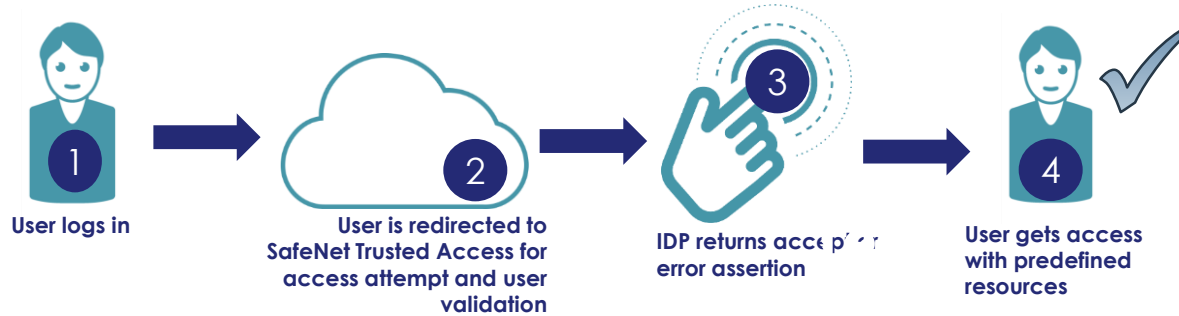OTP Push   Password   Kerberos   Windows Hello   FIDO   3rd Party
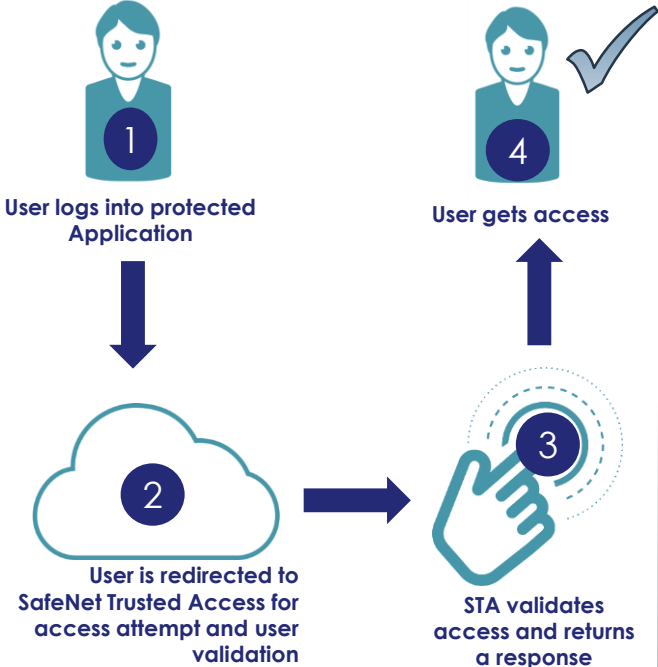
Provides universal authentication across multiple integration methods:

- **RADIUS**
- **SAML***
- **Microsoft ADFS**
- **API**

*Additional Access Controls and SMART SSO

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A seamless deployment & integration

① User logs in

② User is redirected to SafeNet Trusted Access for access attempt and user validation

③ IDP returns access error assertion

④ User gets access with predefined resources

CyberArk Solutions can be configured to support Multi-Factor Authentication in several modes:
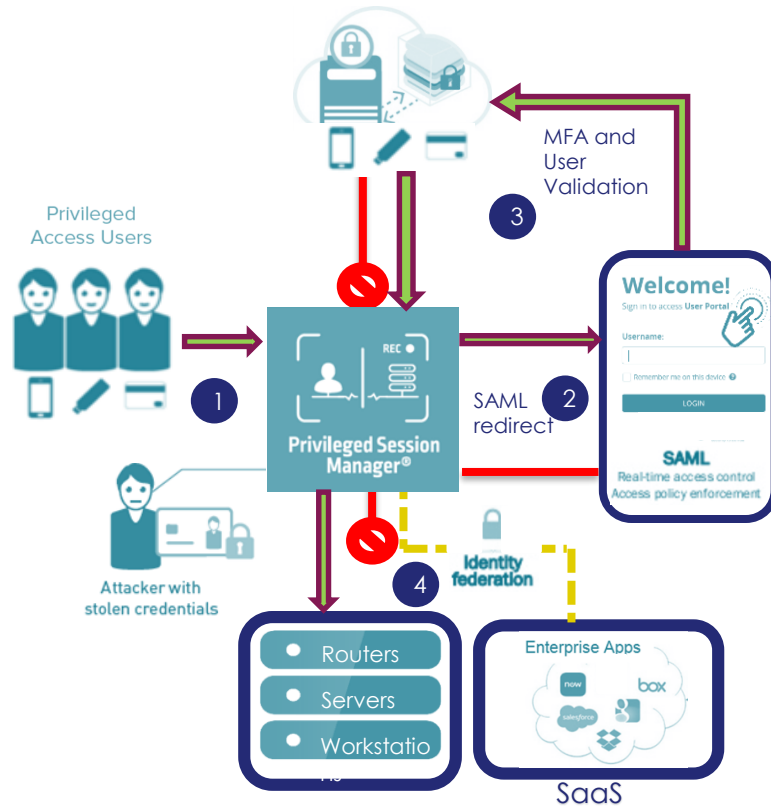
- **RADIUS**

- **SAML**

Supports Multiple Authentication Methods

> Compatible with all used protocols for authentication & federation

> Smooth & easy integrations detailed in step by step guides

> Adding an extra layer of authentication to ALL your enterprise applications

> Implement additional granular access policies

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How it Works

1. **User requests access to protected resource.**

2. **Request is redirected to SafeNet Trusted Access IDP, where access policy is assessed to determine requirements**

3. **Authentication challenge is issued to user and MFA validated**

4. **Access is granted to protected resources and SSO session established for other connected cloud applications.**

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Our Unique Value Proposition

Prevent breaches

Better Value

Competitive pricing

Integrated MFA-AM service

All in one license

Multiple tokens included

Enable secure cloud transformation

Better Risk Mgmt.

Broadest MFA

Cloud neutral

Conditional access

Simplify compliance

Easy To Deploy

Rapid time to live

Completely automated

Simple policy setup

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Thank You