SECUDE

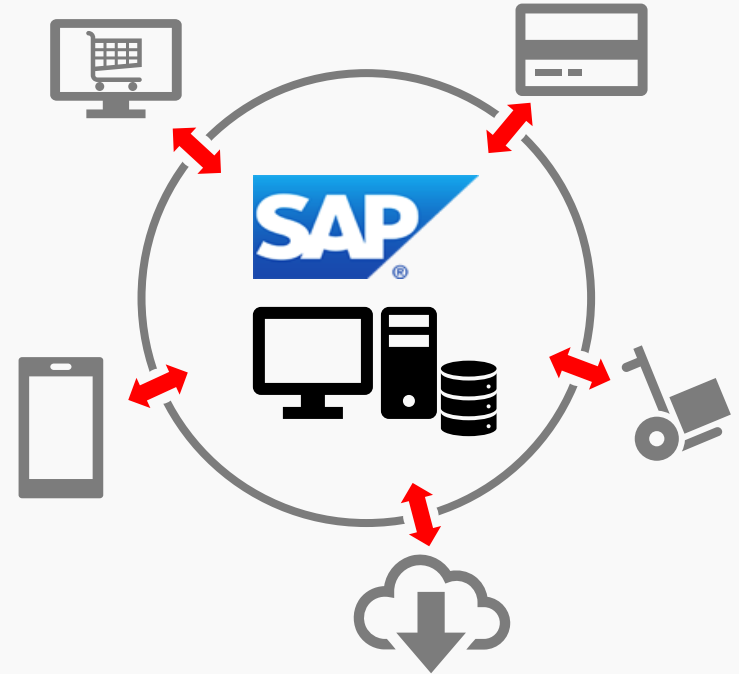**Extending Azure Information Protection to SAP**

Today, data streams have no limits
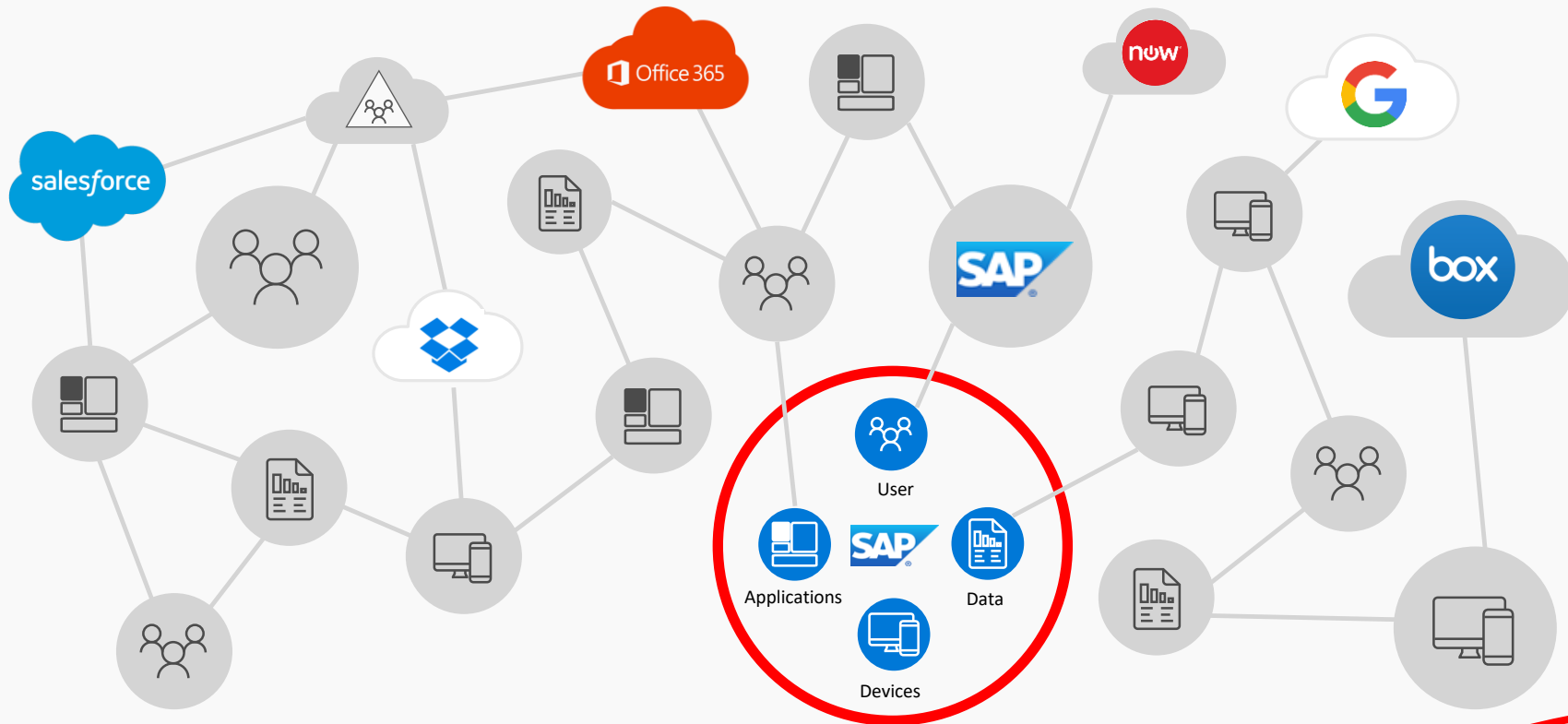
How secure is your data when it's shared globally?

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SAP turned into a data hub in the digital world

- Sensitive Data

  - Customer (CRM)

  - Finance (FI/ CO)

  - HR (HCM)

  - Product design / CAD (PLM), CAD drawings

  - Material (MM/ SRM)

  - Production & Logistics (LO/ EWM/ WM)

  - Pricing (SD / MM / SRM)

  - Reports (BI/ BW . . .)
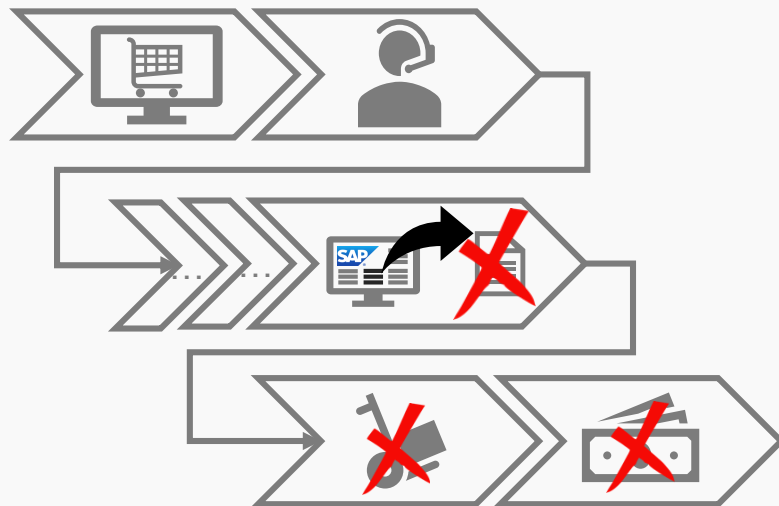

Your sensitive data needs protection outside of SAP.

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SAP Data Exports: Security Issue or Process Impediment

SAP users can export, print or email all data, which they are allowed to access.

But fundamental blocking of SAP data exports impedes most business processes.

SAP user authorization either allows all data exports or blocks them all for a user.

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Why SECUDE HALOCORE®?

Automated Functionality		SAP	Nextlabs (on SAP pricelist)	SECUDE
Monitoring* of	SAP data exports	YES (with GRC)	Limited (Files only)	YES
	SAP M2M / API data streams	NO	NO	YES
Blocking* of unauthorized SAP data exports		NO	Limited (Files only)	YES
Protection* for exported SAP datafiles		NO	YES (proprietary)	YES powered by Microsoft

* incl. automated classification, across several features, like WebDynpro, SAP Mail, Printing, BEx, BObj, Excel XXL and Copy&Paste

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HALOCORE enforces data security beyond SAP boundaries, a prerequisite for GDPR

SECUDE and Microsoft – Strategic partnership

- "SECUDE shares Microsoft's vision of protecting customers' sensitive data so we see HALOCORE as a natural bridge that connects Microsoft Azure Information Protection with SAP applications' security control mechanism and as such a mutually beneficial proposition,"

  Gagan Gulati, Head of Product for Azure Information Protection at Microsoft Corp.

Azure Information Protection

SAP Application

Automated Classification

HALOCORE PROTECT
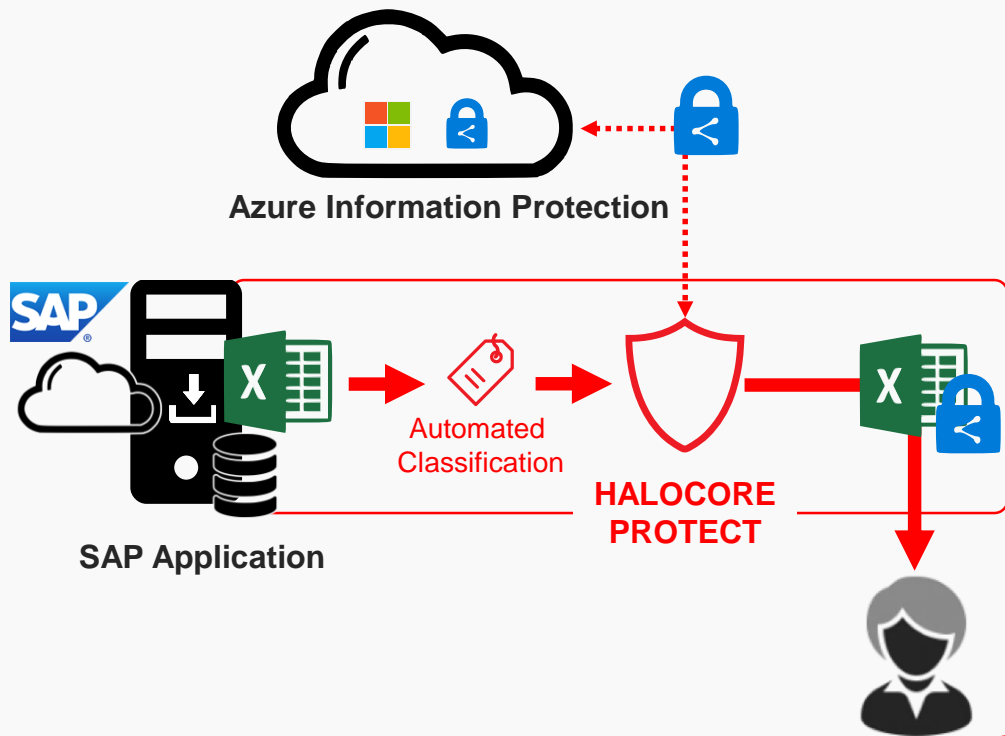
SECUDE signs interoperability & joint marketing agreement with Microsoft – July 2018

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HALOCORE for SAP

Azure Information Protection

HALOCORE

MONITOR → PROTECT

BLOCK
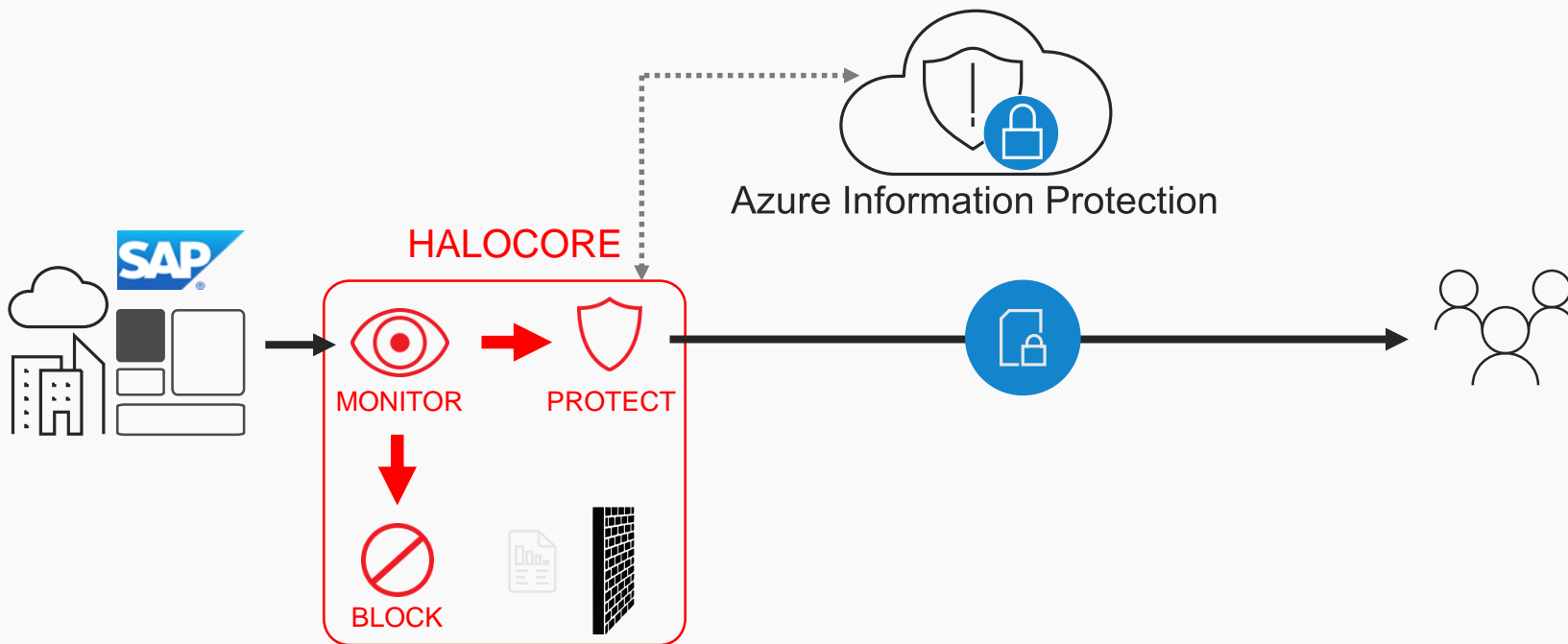
Monitoring and controlling all SAP downloads and data exports

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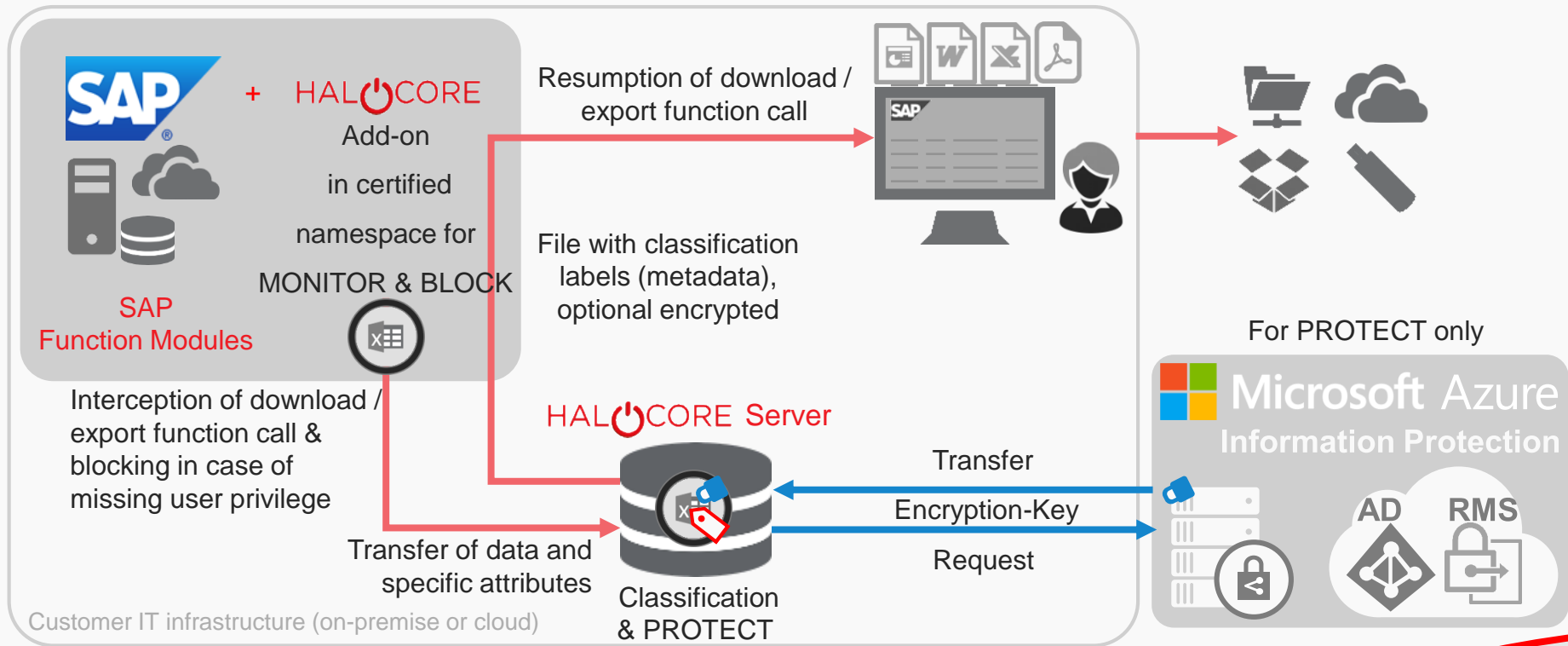
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Integration in SIEM Solutions

- The HALOCORE audit log can be forwarded automatically to all kind of SIEM solutions, like SAP ETD, HP ArcSight, IBM Security Qradar, Splunk, etc.

- Supported log formats:

    - Common Event Format (CEF)

        e.g. Syslog push to SAP ETD
        (SAP HANA Smart Data Streaming (SAP SDS) Mapping)

    - Log Event Extended Format (LEEF)

    - JavaScript Object Notation (JSON)

Simple integration in common SIEM solutions using standard log formats

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HALOCORE® - Architecture & Process Diagram

SAP + HALOCORE Add-on in certified namespace for MONITOR & BLOCK

SAP Function Modules

Resumption of download / export function call

File with classification labels (metadata), optional encrypted

For PROTECT only

Interception of download / export function call & blocking in case of missing user privilege

HALOCORE Server

Customer IT infrastructure (on-premise or cloud)

Transfer of data and specific attributes

Classification & PROTECT

Microsoft Azure
Information Protection

Transfer

Encryption-Key

Request

AD   RMS

Controlling SAP data exports and applying Microsoft Azure Information Protection (AIP / RMS) to SAP

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SECUDE – Security Technology Provider since 1996

Today part of all SAP releases

Sold to **SAP**

MARS · **Microsoft** · **Infosys** · **swisscom**

since 2014

Encryption of Disks, Folders & Files

2000 - 2014

Single-Sign-On and Encryption Technology (SNC, Crypto-Lib) for SAP

1996 - 2011

Sold to Egosecure → Kaspersky

Sold to Novell (ZENworks) → Attachmate

Today part of **MATRIX42**

Today part of **MICRO FOCUS**
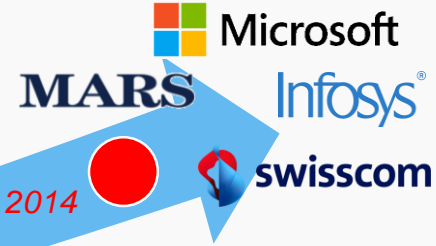
SECUDE HALOCORE
Controlling & Protecting SAP-Exports → Unique SAP Use Case for Micorsoft AIP

SECUDE HALOCAD
Protecting Intellectual Property, in CAD Applications → Unique CAD Use Case for Micorsoft AIP

SECUDE technology is part of various solution portfolios and installed at customers worldwide
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SECUDE