



Controlware
Security Day



Herstellerübergreifende Firewall Richtlinienverwaltung

Im eigenen RZ und in der Cloud

Tobias Hülsdau
AlgoSec, Regional Sales Engineer

17.09.2025, Congress Park Hanau

controlware

Im eigenen RZ und in der Cloud

AlgoSec





“A good Firewall
solution together with
Algosec is much better
than the best firewall
system solo.”

IHR REFERENT HEUTE

Tobias Hülsdau
Regional Sales Engineer bei AlgoSec
E-Mail: tobias.huelsdau@algosec.com
LinkedIn: <https://linkedin.com/in/tobias-huelsdau>



ALGOSEC AUF EINEN BLICK



Gegründet in 2004



1,800+ Enterprise
Kunden in 80 Ländern



Betreut 20 der
"Fortune 50"



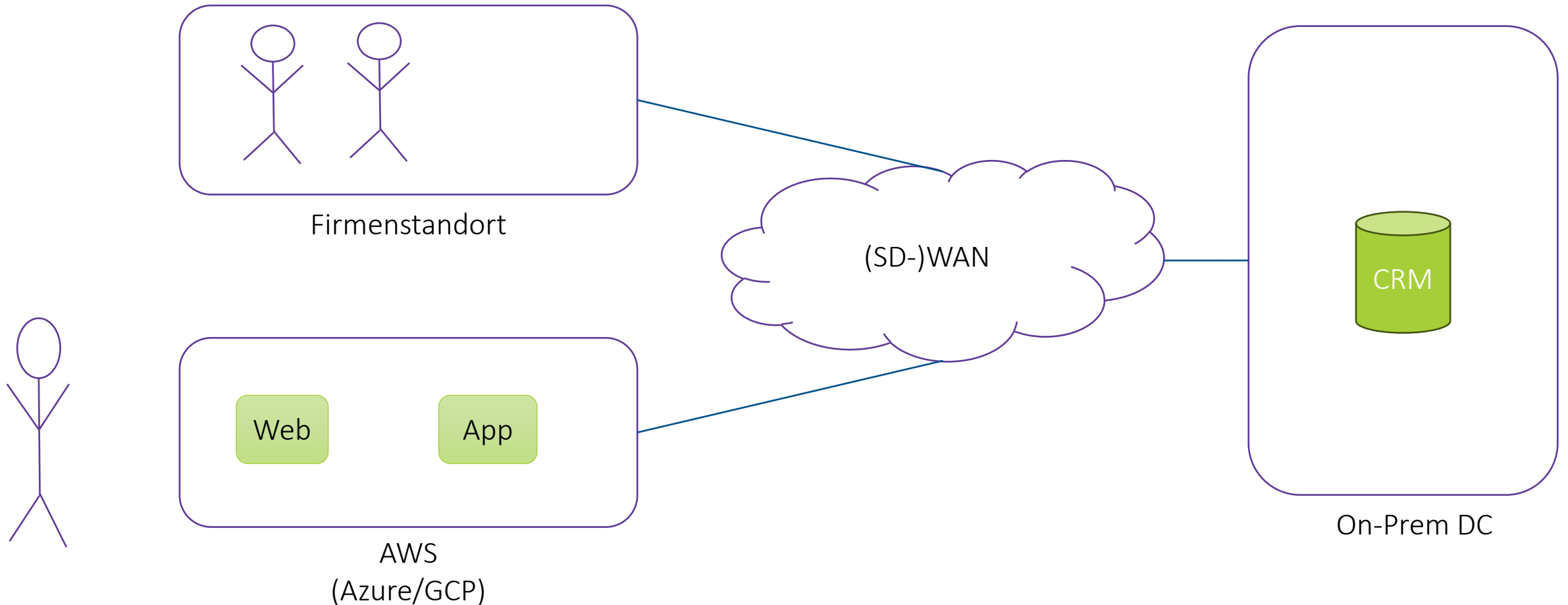
Getrieben von
100% Kundenzufriedenheit



Drei globale Support-
Zentren für
Unterstützung 24x7

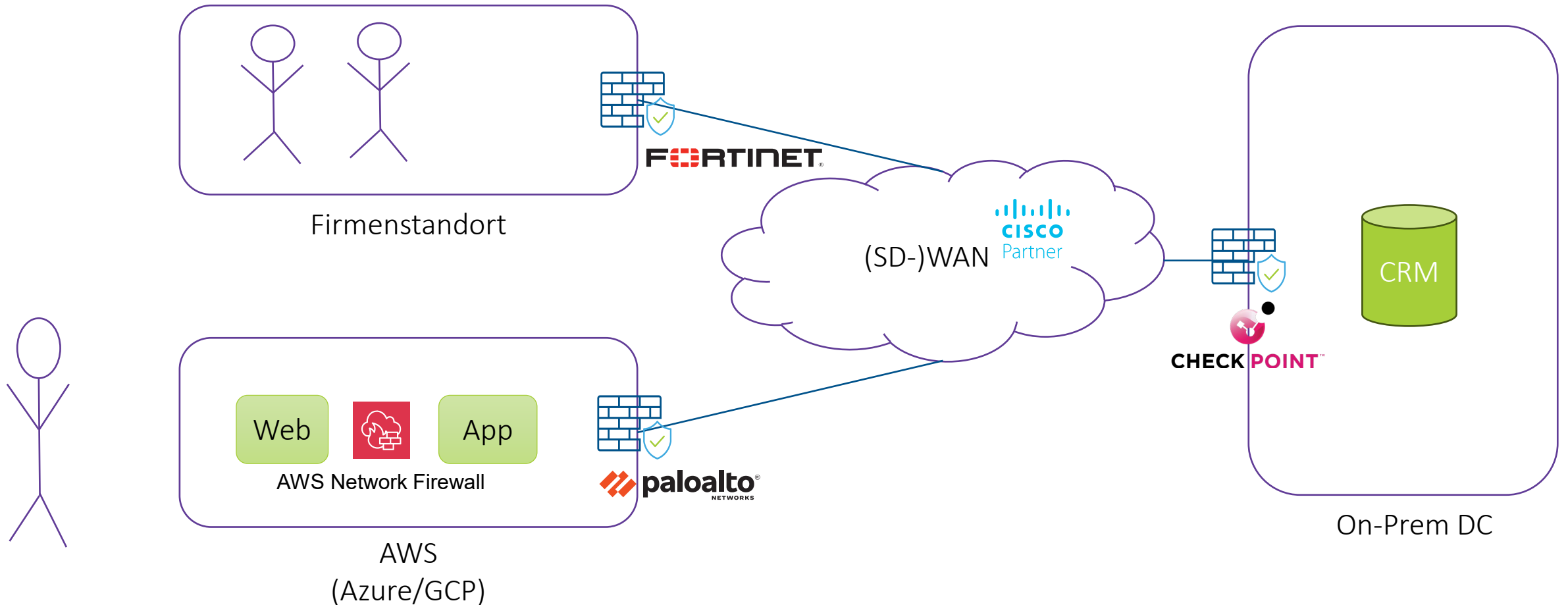
DIE HERAUSFORDERUNG

Eine neue Applikation soll eingeführt werden...



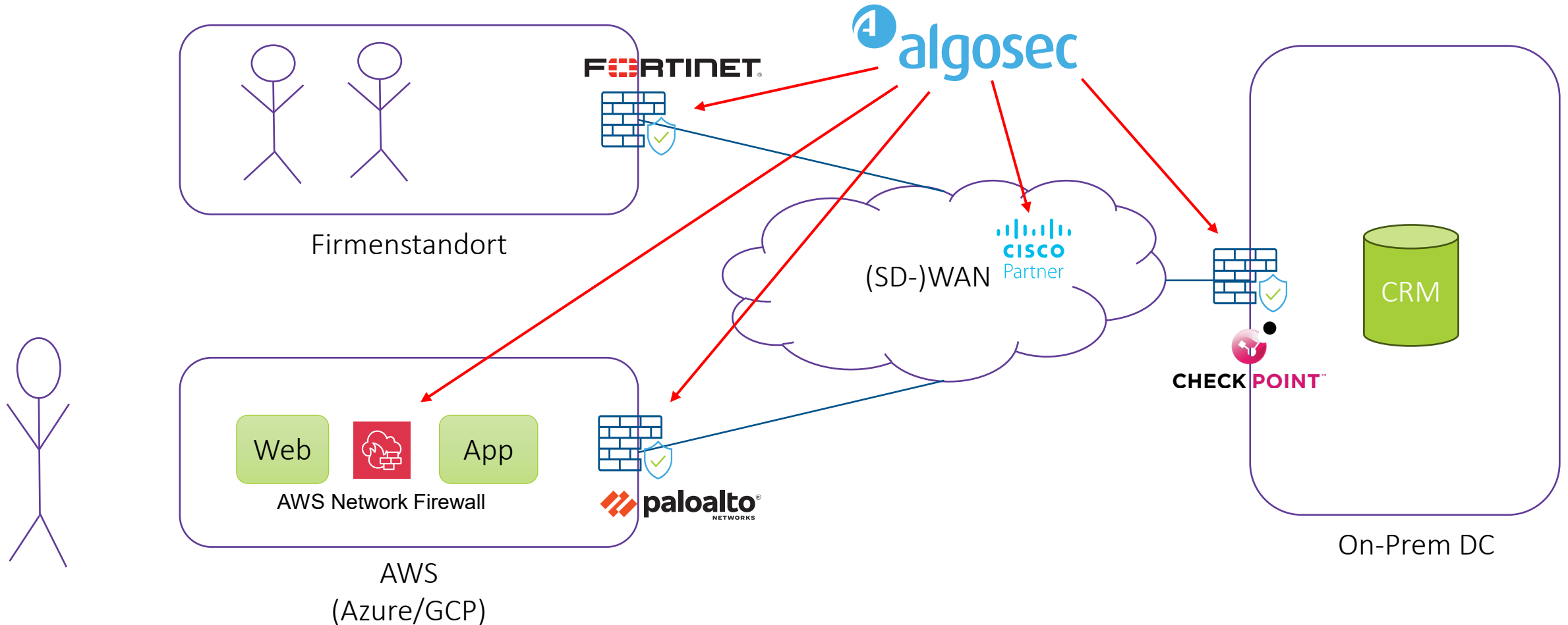
DIE HERAUSFORDERUNG

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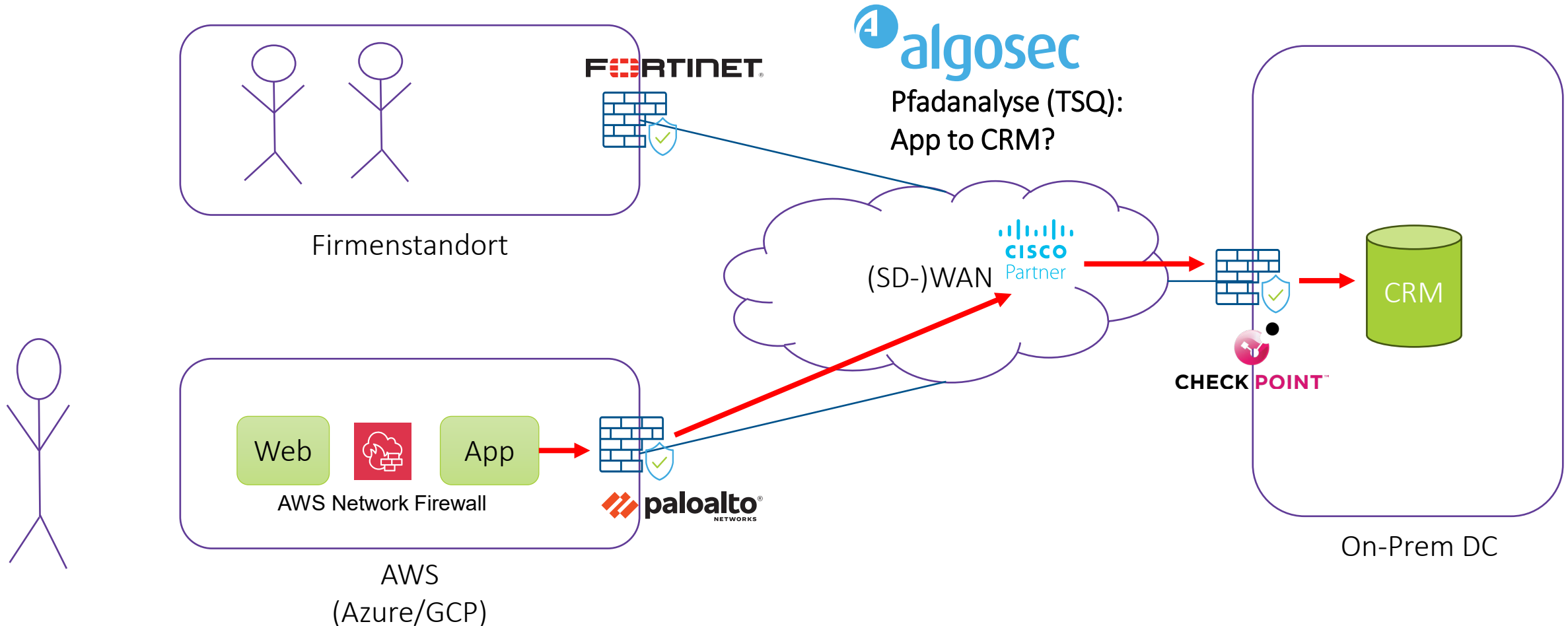
DIE HERAUSFORDERUNG

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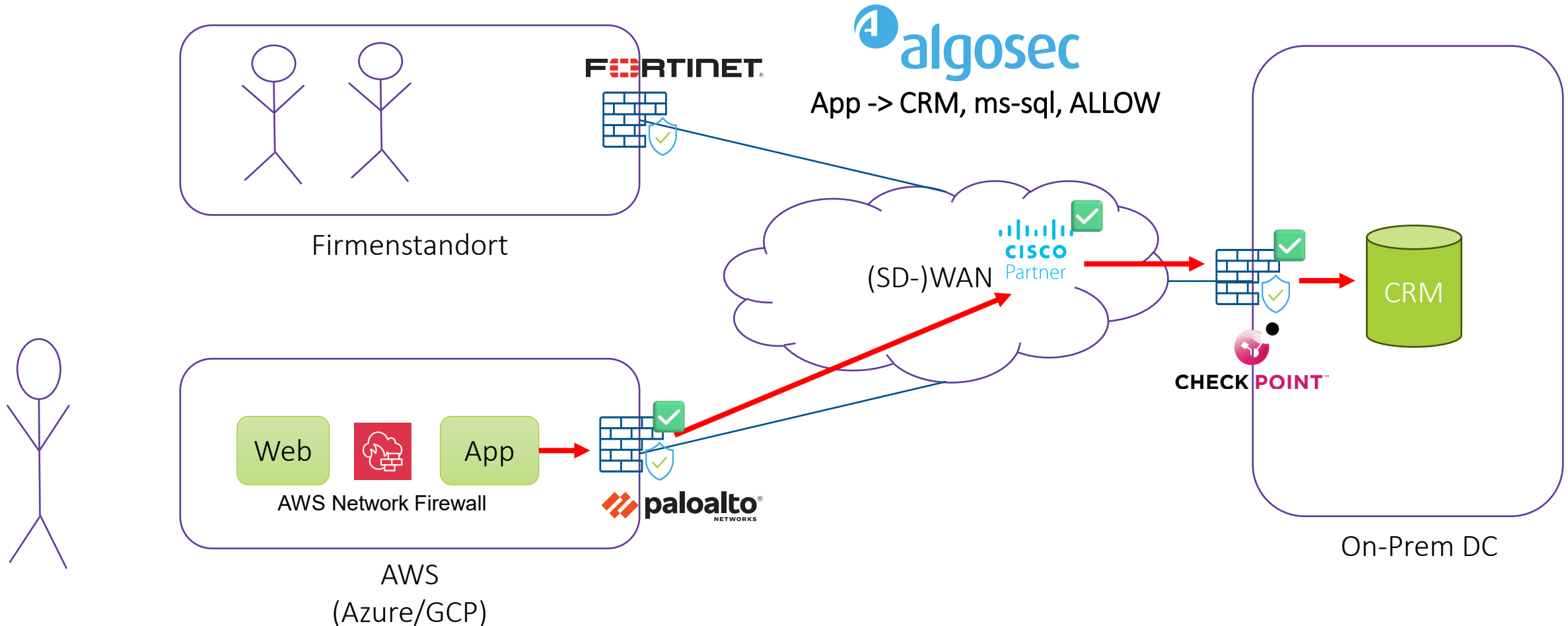
DIE HERAUSFORDERUNG

Eine neue Applikation soll eingeführt werden...



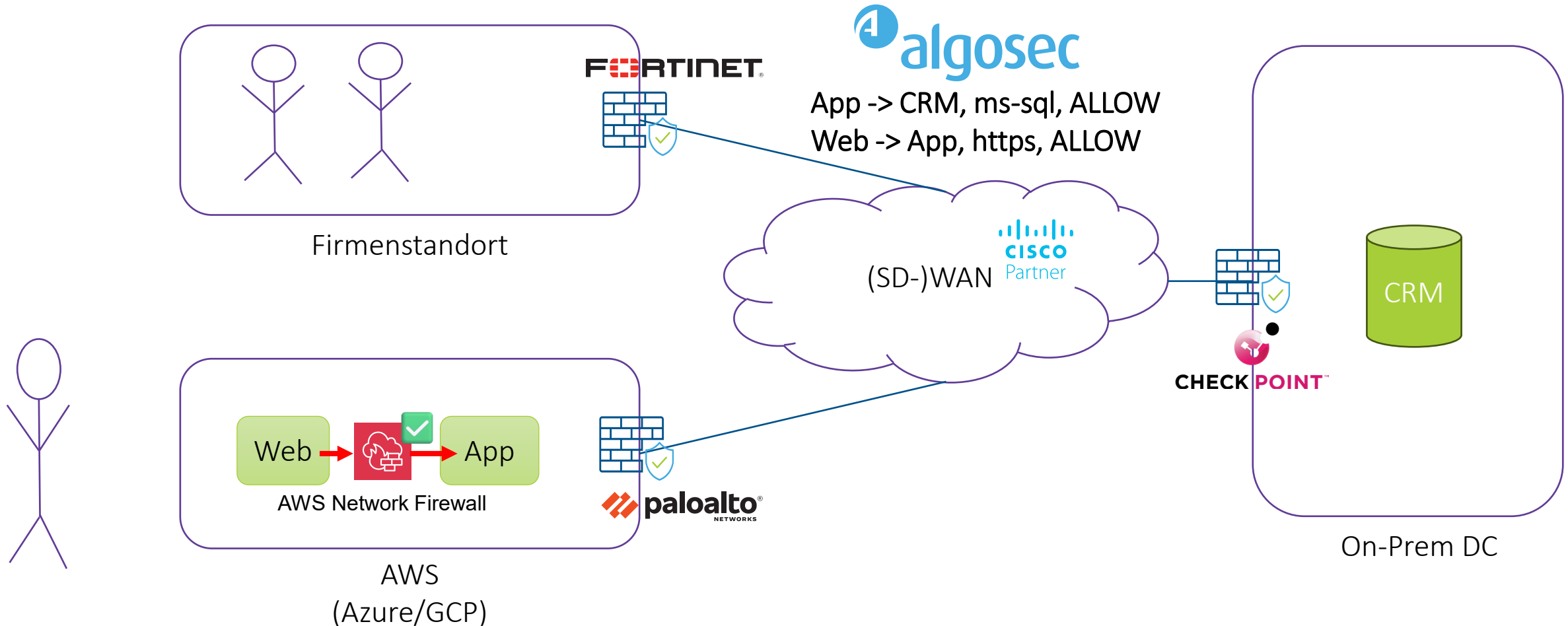
DIE HERAUSFORDERUNG

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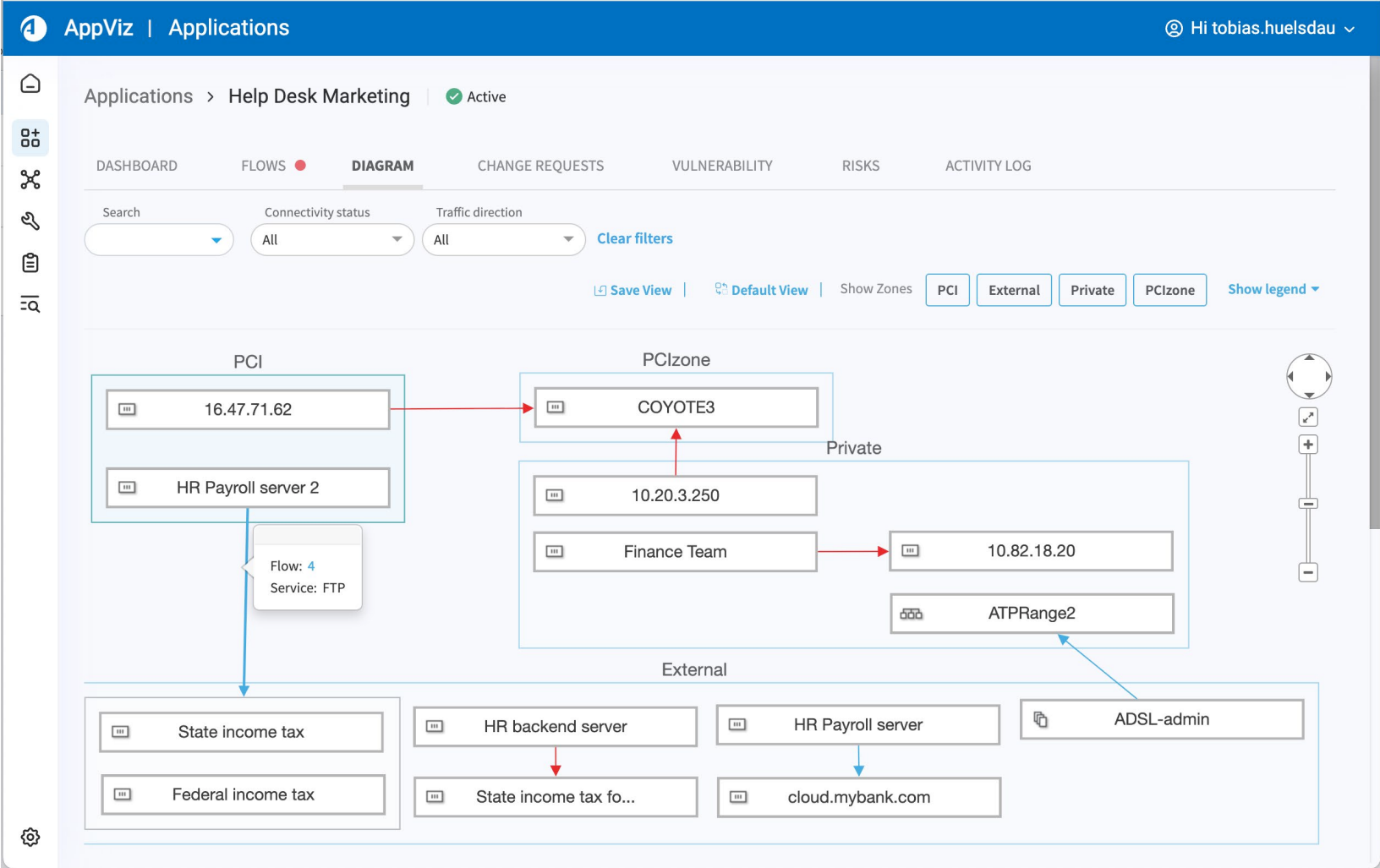


APPLIKATIONSMODELLIERUNG IN APPVIZ

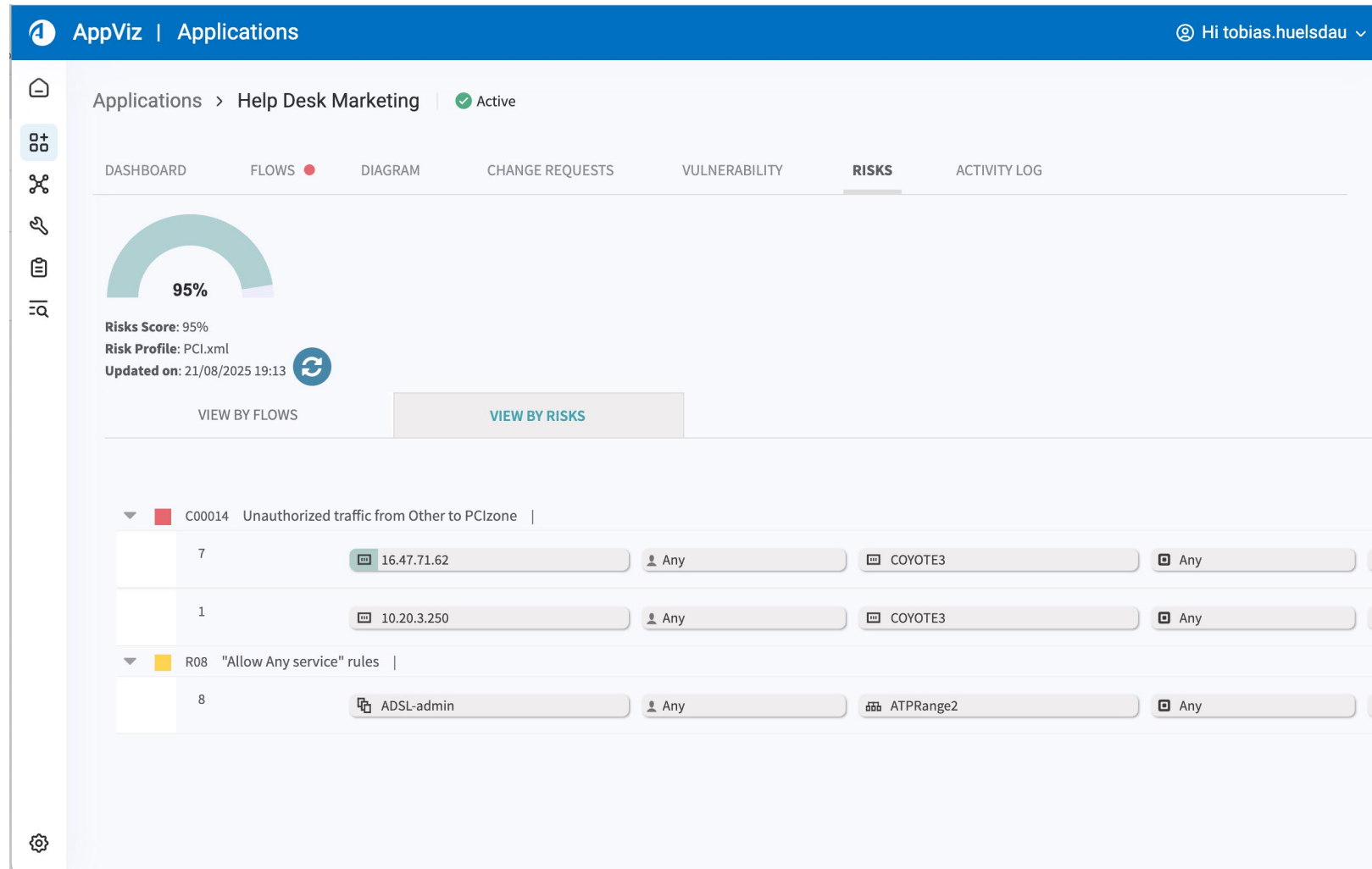
The screenshot displays the AppViz Applications interface. The top navigation bar includes the AppViz logo, the text 'Applications', and a user profile 'Hi tobias.huelsdau'. The left sidebar contains icons for home, applications, flows, diagram, change requests, vulnerability, risks, and activity log. The main content area shows the 'Help Desk Marketing' application, which is active. Below the application name, there are tabs for Dashboard, Flows (selected), Diagram, Change Requests, Vulnerability, Risks, and Activity Log. A search bar and filter options for Source, Destination, and Service are present. The results show 7 flows found, with 4 blocked. The flows are listed in a table with columns for Name, Source, Destination, Service, Comments, and Rule Usage.

Name	Source	Destination	Service	Comments	Rule Usage
3	HR Payroll server	cloud.mybank.com	HTTPS	Connection to myBank cloud services (NAT)	-
2	Finance Team	10.82.18.20	tcp-256		-
4	HR Payroll server 2	Federal income tax State income tax	FTP	Upload Tax reports to federal & state servers.	-
5	HR backend server	State income tax forms	FTP	Import tax forms to HR portal	-
8	ADSL-admin	ATPRange2	any		-

DIAGRAMM DER KOMMUNIKATION



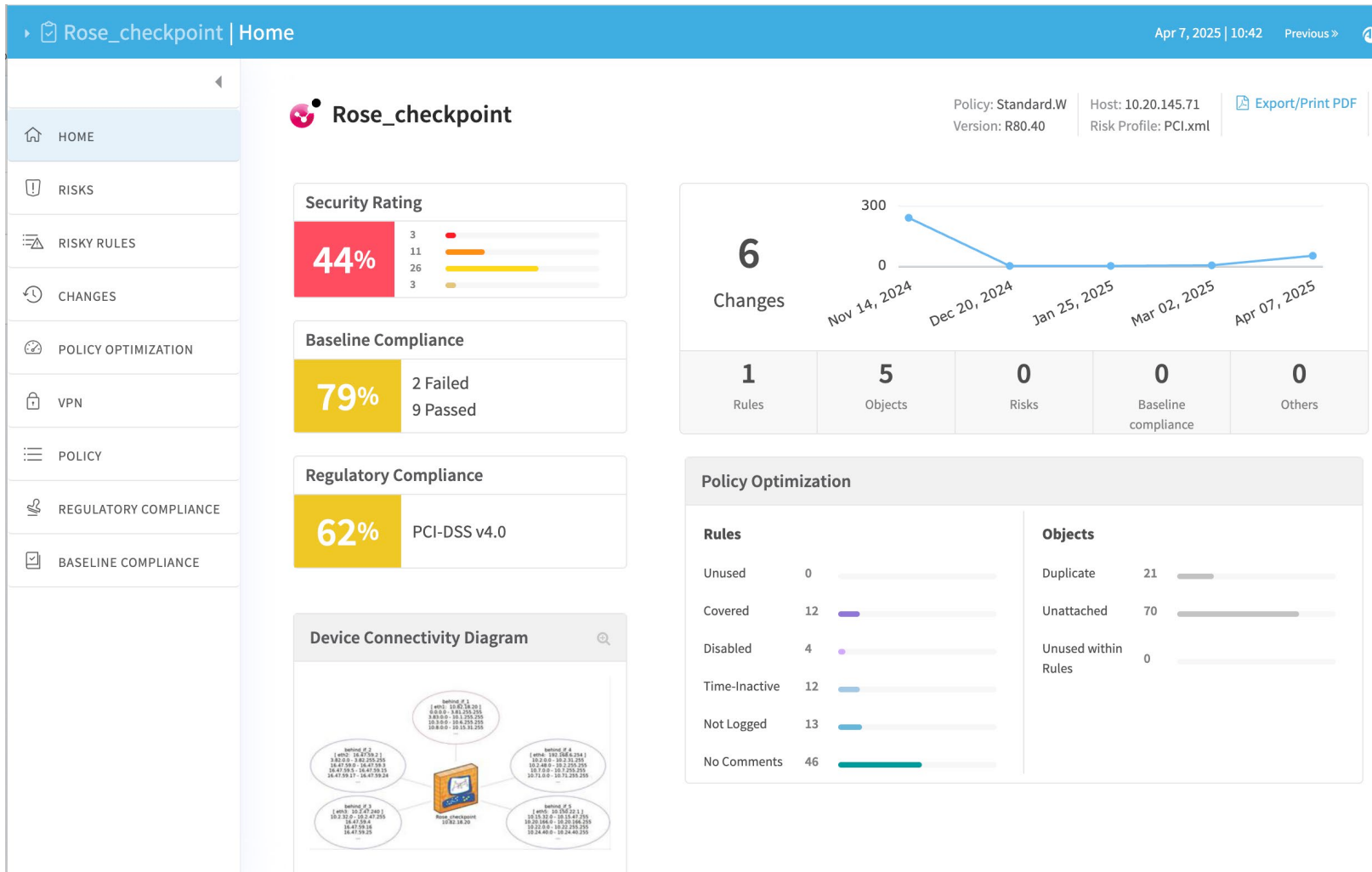
TRANSPARENTE DARSTELLUNG DER RISIKEN



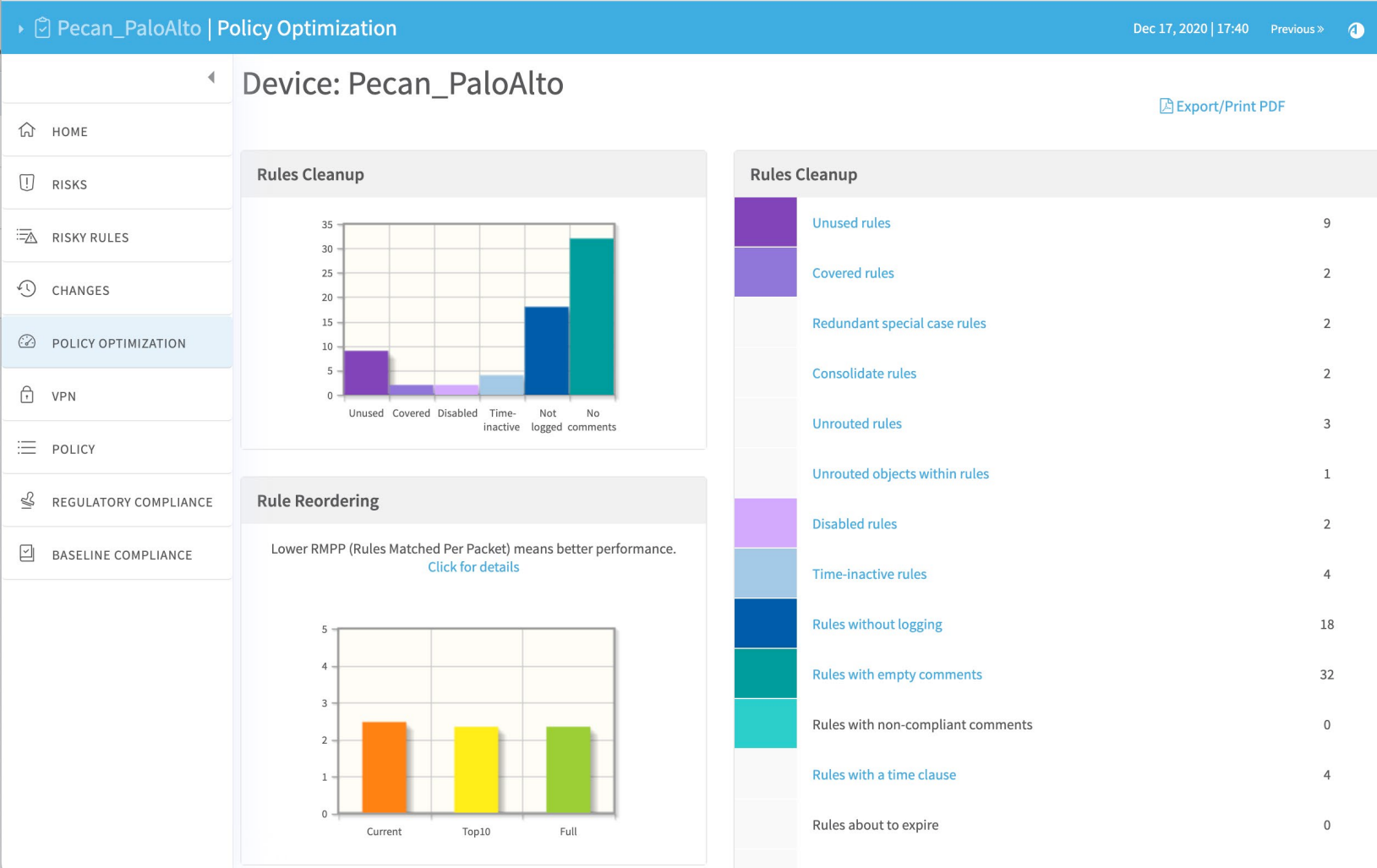
WEITERE FUNKTIONALITÄTEN

- Firewall Analyse und Reports
 - Policy Optimierung
 - Intelligent Policy Tuner
- Globales Suchen in allen Regelsätzen
- Pfadanalyse (Traffic simulation query)
- Cloud App Analyzer

FIREWALL ANALYSE UND REPORTS



POLICY OPTIMIERUNG



INTELLIGENT POLICY TUNER

NAME	FROM	SOURCE	USER	TO	DESTINATION	APPLICATION	SERVICE	ACTION	COMMENT	COUNT	LAST USE	PERCENTAGE	BUSINESS APPLICATIONS	DOCUMENTATION	BUSINESS PART
yahoo	any	any	any	any	any		any			55,974,327	2017-02-07	58.118%			

Intelligent Policy Tuner Recommendation

AlgoSec is unable to automatically suggest a tighter rule that only uses objects with at most 4 subnets, and service groups with at most 20. For more information please refer to the user guide or to the [AlgoSec Knowledge Base](#).

Intelligent Policy Tuner traffic breakdown

Rule Source

NAME	IP SUBNET / ADDRESS	COUNT	LAST USE	PERCENTAGE	OBJECT
any	192.0.0.0-192.255.255.255	34,793,760	16Feb2017	100%	
	0.0.0.0 - 191.255.255.255				unused
	193.0.0.0 - 255.255.255.255				

Rule Destination

NAME	IP SUBNET / ADDRESS	COUNT	LAST USE	PERCENTAGE	OBJECT
any	10.0.0.0-10.255.255.255	11,398,716	07Feb2017	100%	
	0.0.0.0 - 9.255.255.255				unused
	11.0.0.0 - 255.255.255.255				

Rule Service

NAME	SERVICES	COUNT	LAST USE	PERCENTAGE	OBJECT
any	udp/418	7,243,728	07Feb2017	20.45%	
	udp/827	2,881,296	07Feb2017	8.13%	
	udp/960	25,294,536	07Feb2017	71.41%	
	icmp/0-255				
	tcp/0-65535				
	udp/0-417				
	udp/419-826				unused
	udp/828-959				
	udp/961-65535				
	Other Services				

GLOBALES SUCHEN IN ALLEN REGELSÄTZEN

4 Firewall Analyzer

Analysis Status

Notifications

AlgoSec Administrator

DEVICES

Search...

All Brands

Issues (0)

Collapse All Expand All

ALL_FIREWALLS

Data_Center_42

DC_42_root

DC_42

Data_Center_82

DC_82_root

DC_82

MSO_AC13/AC13

AC13_common

AC13_Group1

AC13_infra

AC13_MG1

AC13_mgmt

AC13_newTenant1

AC13_prod1

AC13_Salesforce

AC13_WmmInt

MSO_AC15/AC15

AC15_common

AC15_HR1

AC15_momt

HOME

DEVICES

DASHBOARDS

GROUPS

MATRICES

ALL_FIREWALLS

Latest Report Mar 12, 2025 07:46:46

Number of devices: 132

Analysis

OVERVIEWPOLICYCHANGESREPORTSALL REPORTSMAP

Export To PDFExport To CSV

Basic Search

Advanced Search

Search Tips

All Fields

Contains

192.168.1.1

+

Include 'Any'

Exact Match

Find Rules

Clear Search

Add Documentation

Clear Documentation

Disable Rule

Remove Rule

Generate Appviz Flow

Select All (Rules were found on 5 of 123 devices.)

California_Zscaler (1 Rule)

	Rule Order	Rule Name	Users	Other	Source IP	Destination IP
☐		20	h-192.168.1.1	Any	Any	h-192.168.1.1

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All Devices Policy Pre, All Devices Policy Pre_copy_1, D1400_Policy, Is-Management, All Devices Policy Post installed on Eucalyptus_Devops, VR-

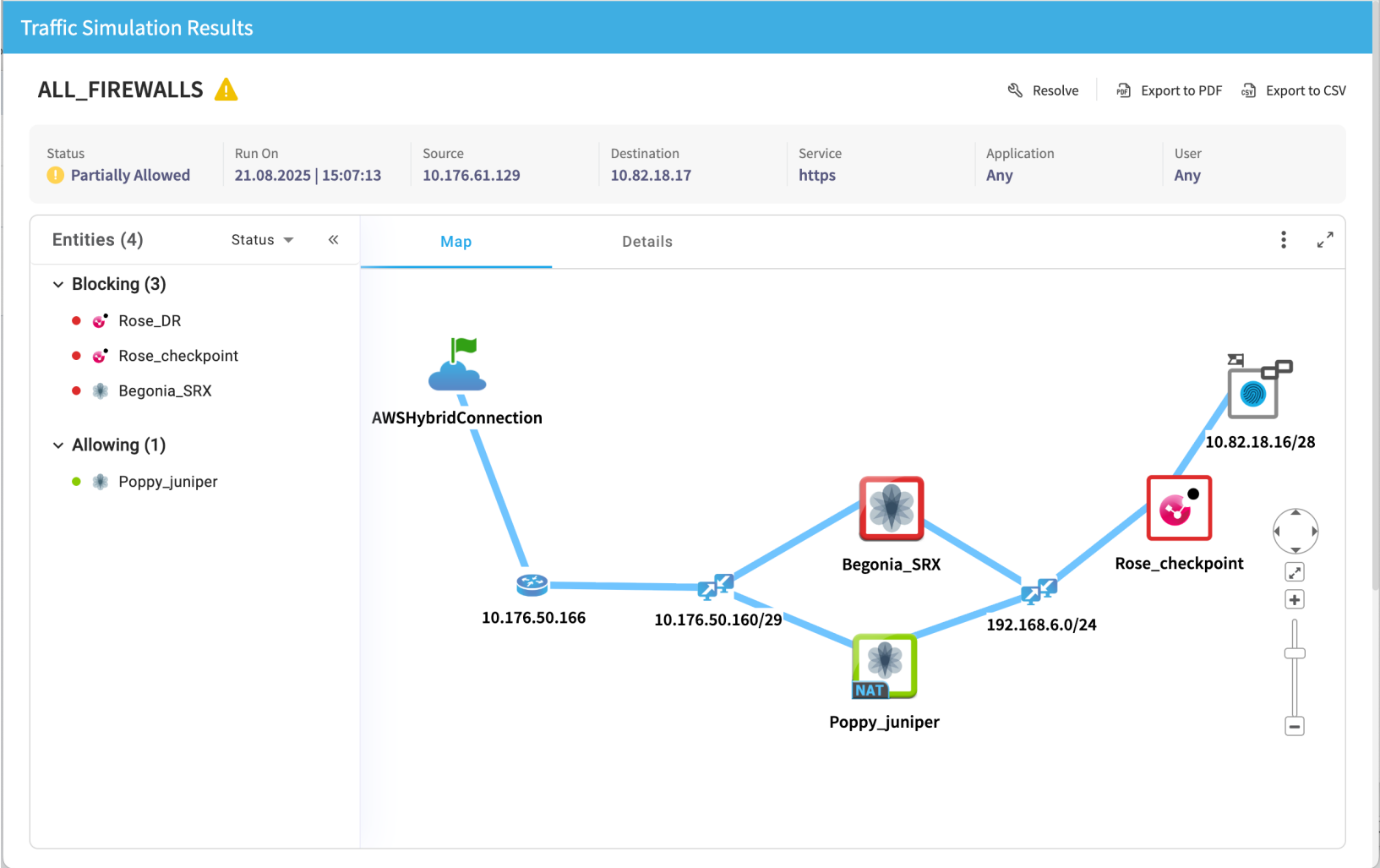
Devops_ropt (1 Rule)

Rose_checkpoint (1 Rule)

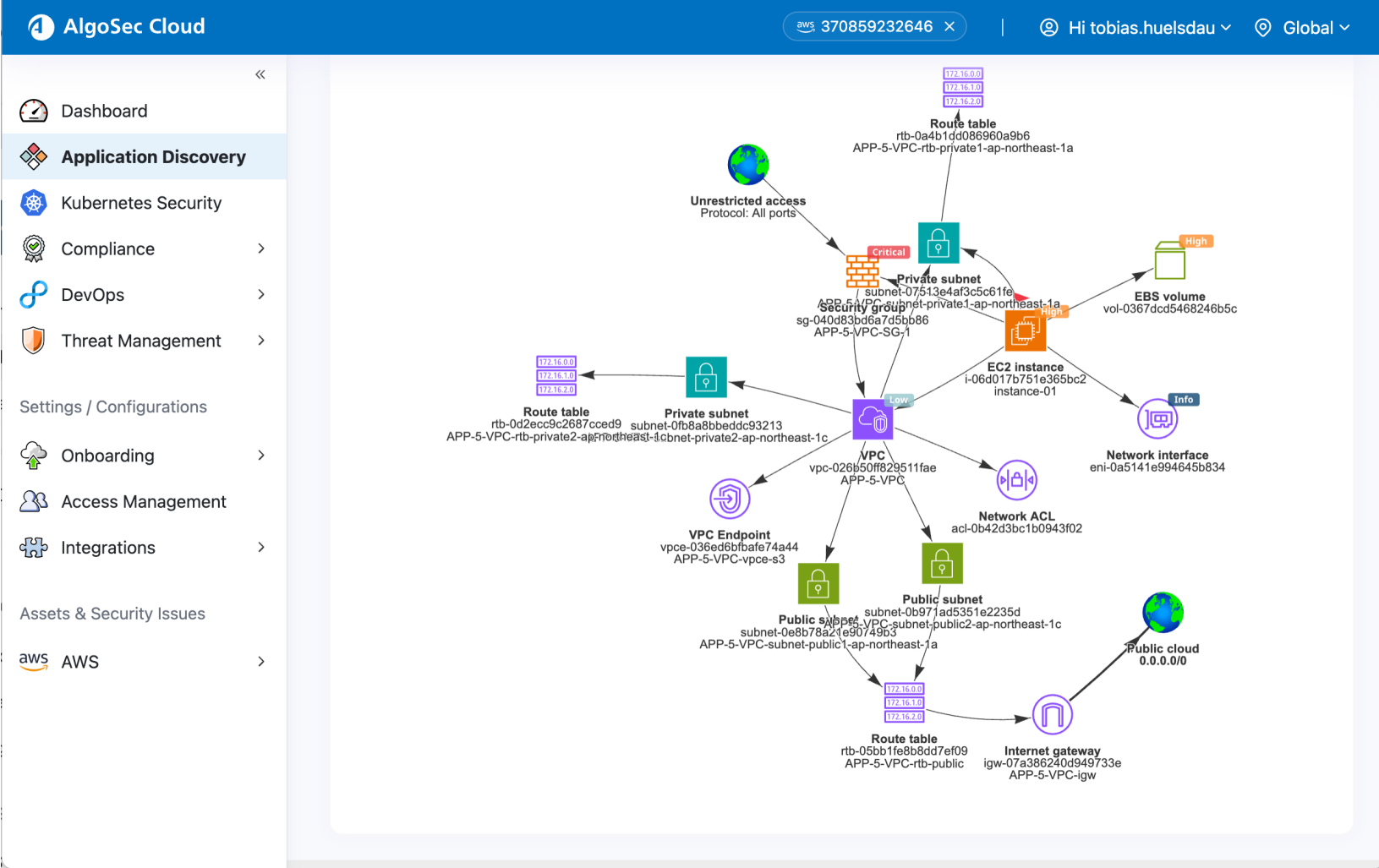
Rose_DR (1 Rule)

Texas_Firepower_ (2 Rules)

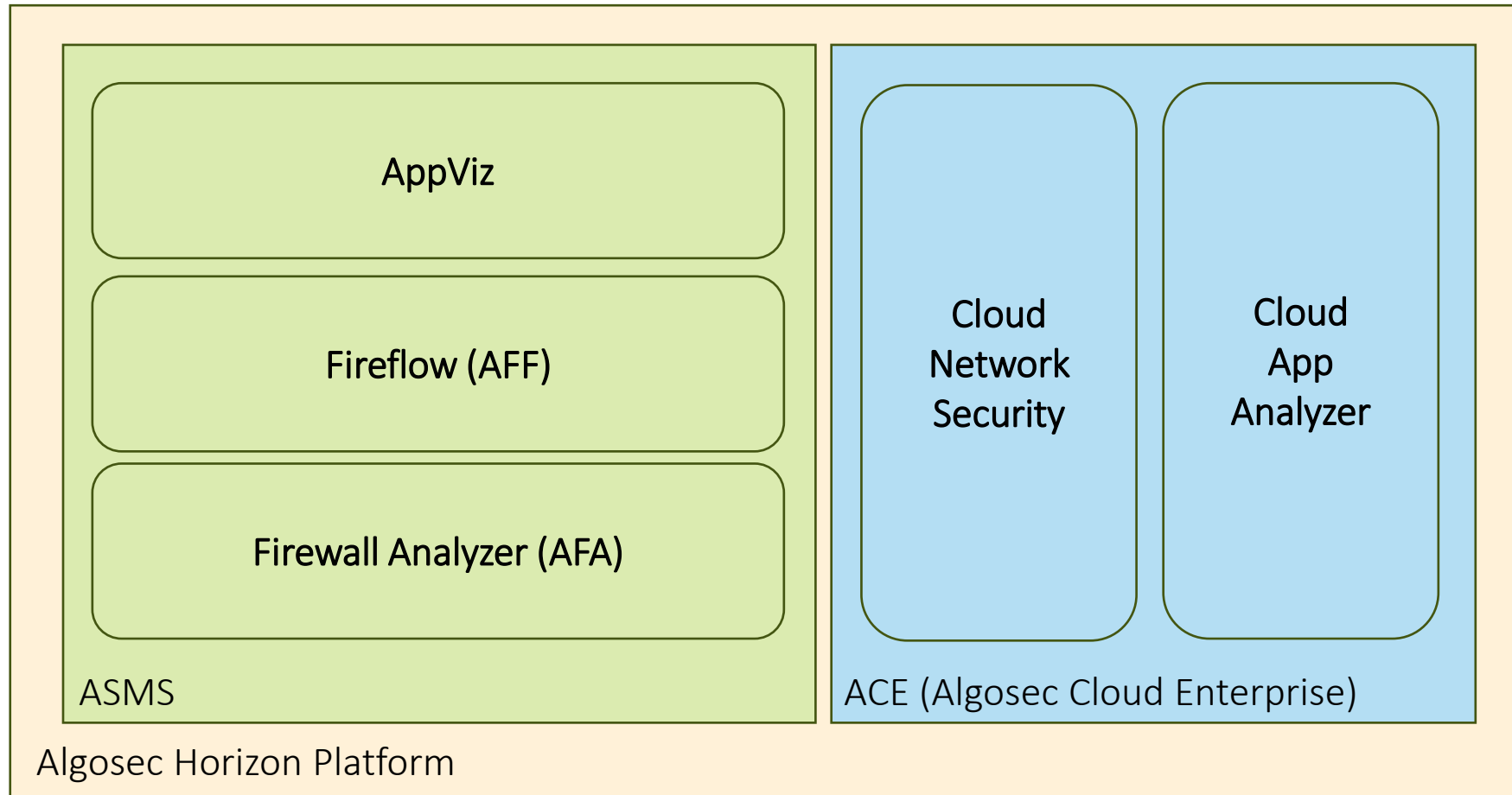
PFADANALYSE (TRAFFIC SIMULATION QUERY)



CLOUD APP ANALYZER



ALGOSEC HORIZON PLATFORM



EINLADUNG ZUM ALGOSUMMIT 2025

30. September 2025 - 11:00 CEST – online

<https://www.algosec.com/lp/algosummit2025>

Agenda

Welcome & opening remarks

Vision & roadmap: What's next for the AlgoSec Horizon platform and ACE

Customer spotlight: Success stories from the field

Convergence is here: Making cloud and datacenter teams work as one

Future of cloud security: Innovation that scales with you

Closing remarks & key takeaways



Controlware
Security Day

**Danke für Ihre Aufmerksamkeit.
Wir freuen uns über Ihr Feedback!**

Bitte geben Sie den ausgefüllten Bogen am Empfang ab und
erhalten Sie als Dankeschön ein kleines Präsent.

VIELEN DANK!



Secure application connectivity.
Anywhere.

