



The bridge to possible

Journey to Hybrid Work and Multi-Cloud

Transformation of Pharmaceutical Manufacturing

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Agenda

- STADA Arzneimittel AG
- Business Challenges
- Journey to Cloud: Solution Requirements
- Why Cisco SASE?
- Recommendations
- End Results and Future Plans...

STADA Arzneimittel AG

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STADA products sold in ~ 120 countries

Co-operations with hundreds of partners around the world

Internal production in 11 countries

Internal development in 7 countries

Portfolio



12,300+ employees



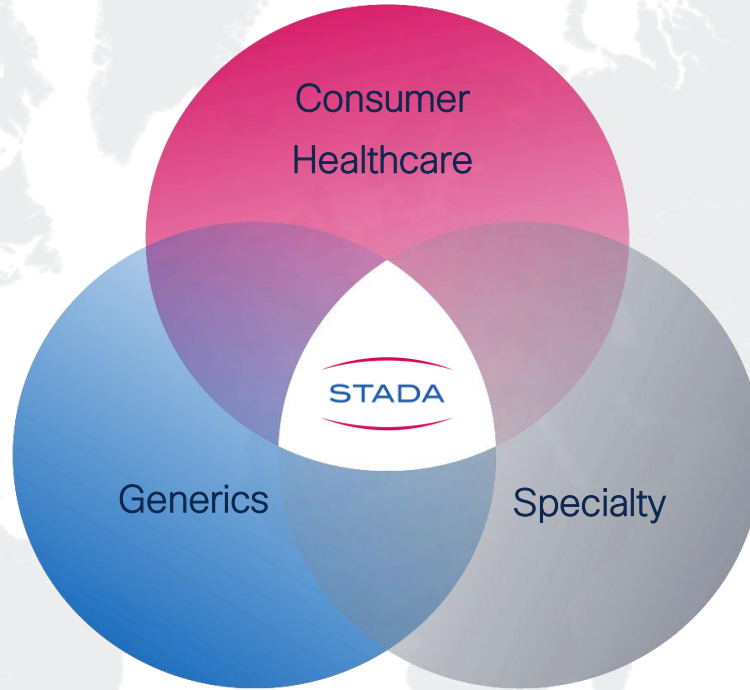
Fast-Growing



Top 5 in Europe



Leading Manufacturer of High-quality Pharmaceuticals



STADA Main Locations

Vrsac, Serbia



Bad Vilbel – Germany



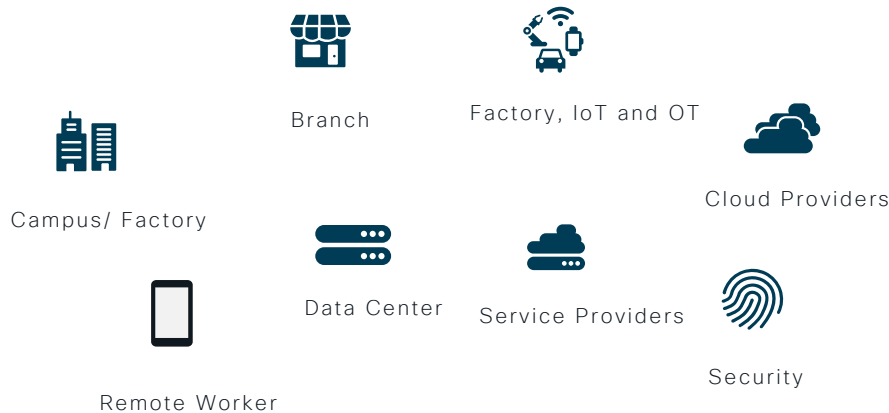
Business challenges

Digital Economy and Disruptions

- Business growth, new services, new locations, new employees and new markets
- Digitalization of manufacturing and business processes
- Pandemics, wars and supply chain issues
- Manufacturing and distribution cannot stop
- Access to services and data from everywhere

Business Resilience

STADA as a company needs to absorb and adapt in a changing environment in order to deliver its objectives and to survive and prosper.



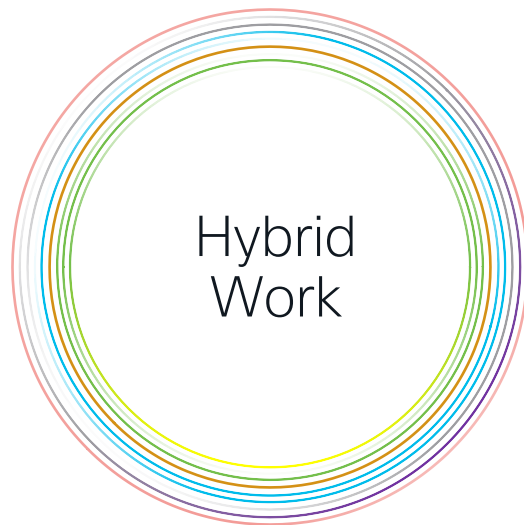
STADA Applications are Moving to Multiple Clouds



STADA Workforce and Workspace Shift

Workforce

Distributed workforce in STADA
HQ, branches, factories, working
from home and travel



Workload

Applications are
hyper-distributed in STADA
DCs in 4 hubs and in Azure

Protection

Multicloud environments are driving
the need to secure employees and
data

Business Demands on STADA IT

- Fast and effective onboarding of new services, locations and people
- Migration to cloud
- Unification of IT services and single pane of management
- Manufacturing and distribution process cannot stop
- Cut operational costs



Journey to Cloud: Solution Requirements

One STADA

The Vision



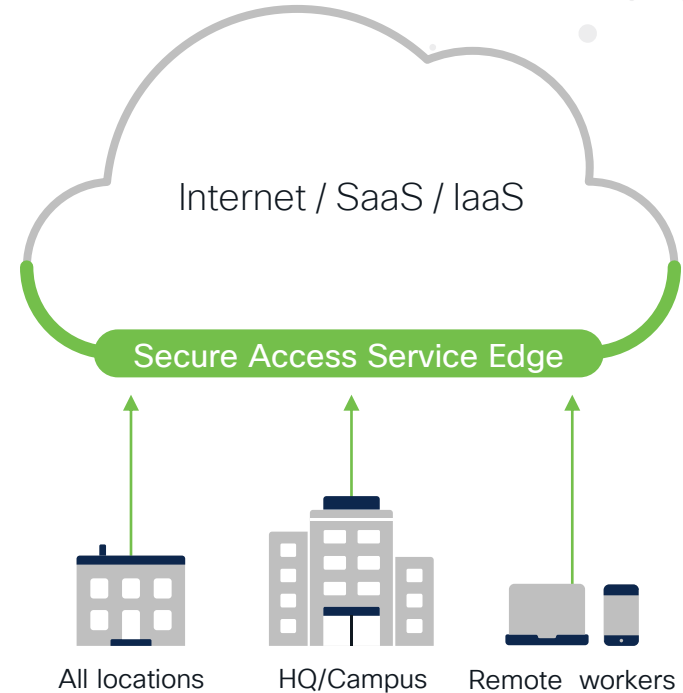
Solution Requirements

- Enable Hybrid Work – Flexible Workload and Workforce
- Cloud first and Cloud ready
- Protect previous investment
- Easy to use and manage
- Provide easy and fast on-boarding
- Adaptive and scalable
- Reliable and resilient
- Security Everywhere



Access to Cloud Services

- Microsoft Azure as cloud provider
- Every location needs access to cloud
- SaaS and IaaS
- Provide optimized service
- Seamless use of cloud services for onsite and remote workers
- Security



Security Everywhere



It's segmentation



It's ZTNA



It's endpoint security



It's firewall



It's identity

Security Needs Integration IN, not ON the Network

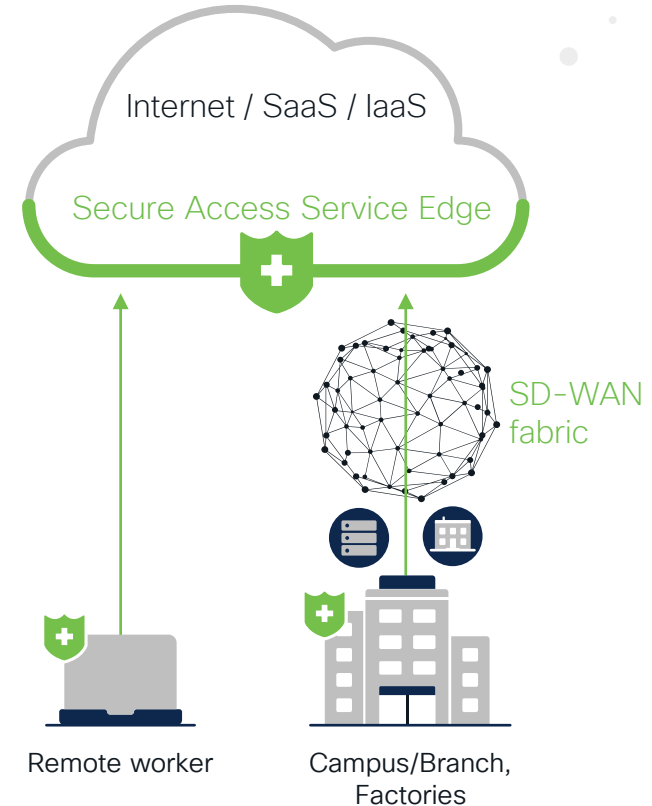


Why Cisco SASE?



Solution Functionalities – SASE Architecture

- Enable Hybrid Work
- Cloud first and cloud ready
- Supreme user and application experience
- Easy to use and manage
- Provide easy and fast on-boarding
- Adaptive and scalable
- Reliable and resilient
- Security Everywhere



SASE and Integration with Existing Solutions

- SASE – SD-WAN, Umbrella, DUO
- Integration with Cisco Flex-VPN and Site2Site-VPN
- Anyconnect for connectivity
- Cisco and 3rd party firewall for Edge perimeter security
- WSA or Secure Web for web proxy
- ISE for access control
- LAN&WLAN using Cisco or 3rd party solutions

Flexible and Scalable Architecture for STADA

Deployment



Management
& Analytics

On-premise | Cloud

Automation | Single Pane of Glass Management

Fast On-Boarding | Scalable

Any Service



Multicloud
Optimization



Multi-Layer
Security



Analytics



Voice &
Video



Multi-Domain

Any Transport



Internet



MPLS



5G/ LTE

Any Location



Branch



Factory



Cloud



Remote Work

Why Cisco SASE?

- Support for cloud migration
- Networking and security into single architecture
- Single point of support
- Broad portfolio of integrated solutions
- Protection of investment
- Resilience and performance

NetOps / CloudOps

SecOps / DevSecOps

Connect

Converge

Control

Recommendations



Recommendations – Ground level

- Analysis of business goals, expectations and strategy
- Good plan and design for overall solution which would satisfy LOBs
- PoC for different use cases (SD-WAN, Umbrella, DUO MFA)
- Phase implementation
 - SD-WAN for connectivity, local firewalls for NGFW security,
 - WSA for larger locations, Umbrella for roaming users
 - DUO MFA for Remote Access and M365 apps implementation
- Tight cooperation with vendor and partner
- Planning ahead due to disrupted lead times



Recommendations – Next Phases

- DUO–Integration with VDI, Inegration with 3rd party solutions (Citrix), Support for SSO
- Umbrella + DUO integration with MS Sentinel
- SD-WAN and Umbrella for smaller locations
- Cloud-on-ramp for SaaS
- Multiple topology
- ISE + DUO
- Application-Aware-Routing–Critical application SLA



End Results and Future Plans...

Business Outcome Achieved - LoB

- Fast and efficient onboarding for new locations and users
- Improved application experience
- Improved employee experience, productivity & mobility
- Improved efficiency and availability
- Reduced service provider and operational costs
- Implementation of new services
- Streamline and accelerate business process
- Immediate value and reduced TCO



Business Outcome Achieved – IT

- Successful migration of services into the cloud
- Improved security
- Reduce Security&Compliance Risk
- Reduce number of security breaches
- Simplified management and operations
- Instant scalability as well as fast new users secure on-boarding
- Improve End-User experience&productivity
- Faster incident response

Future Plans

- SD-WAN and Umbrella integration
- SD-WAN DIA
- Cloud On-Ramp
- Multidomain integration
- Observability (1000eyes)
- Secure Network Analytics
- vFTD
- Cloud VPN





The bridge to possible

Thank you

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