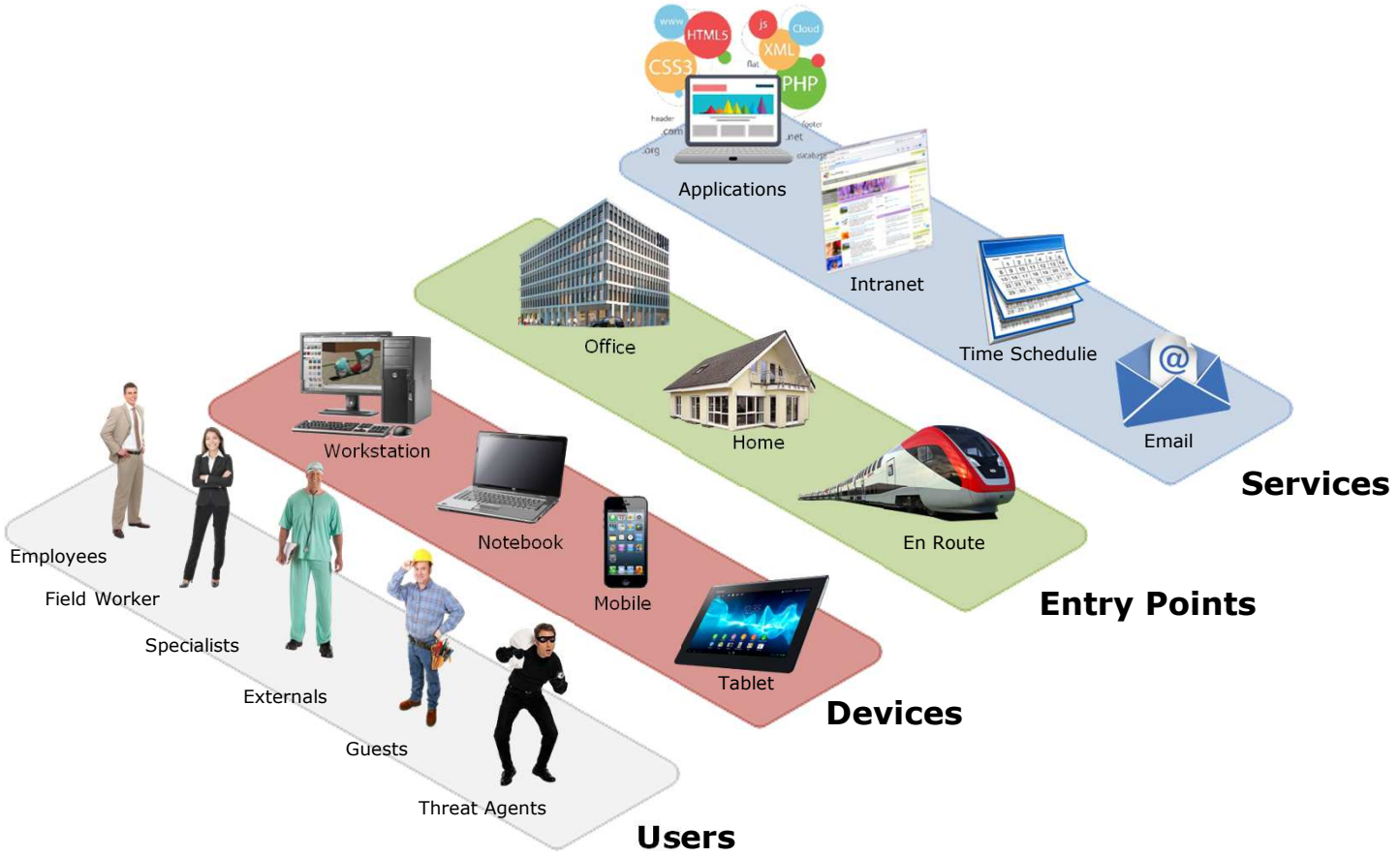
UNITED SECURITY PROVIDERS

USP Connect® - Visible security excellence
Geneva

February 2018

Why you need a Web Application Security Platform?

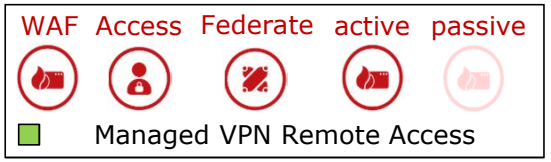
Apps are usually embedded into a larger system

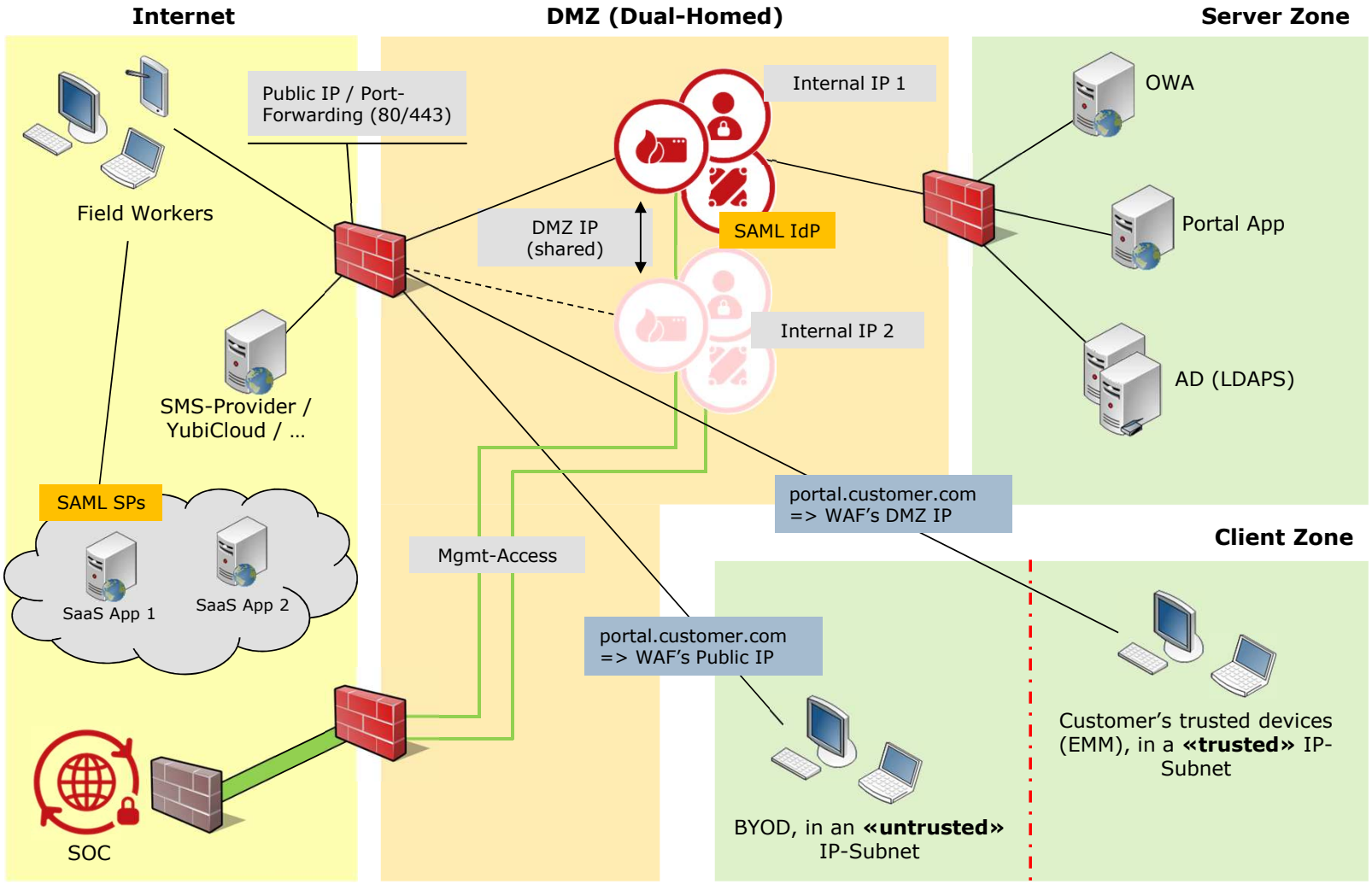


Agenda

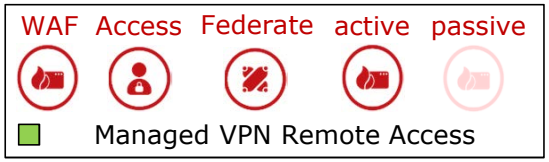
1. Web Application Security Architecture Components
2. USP Connect®

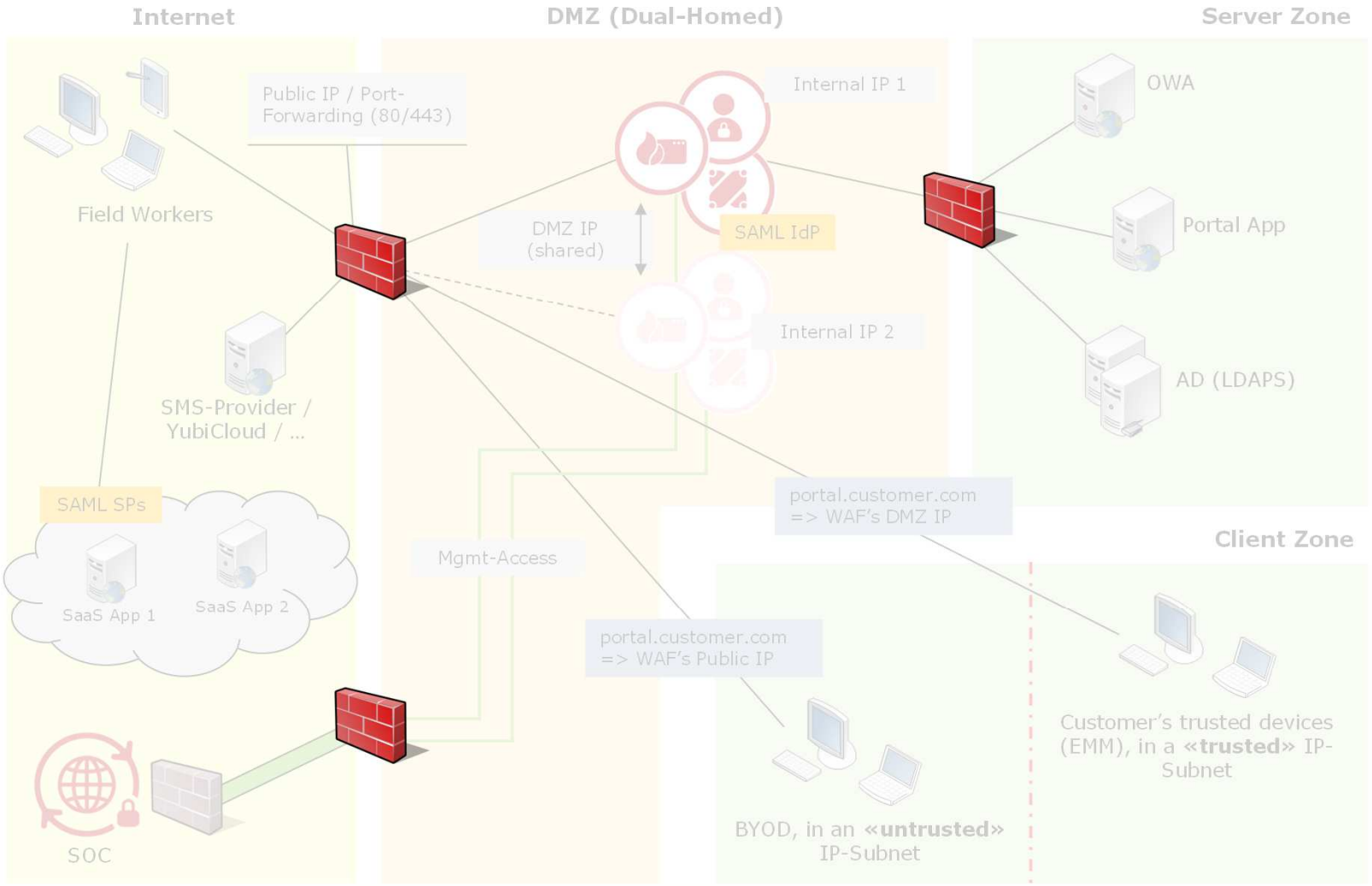
A Practical Example of a Web Application Security Architecture



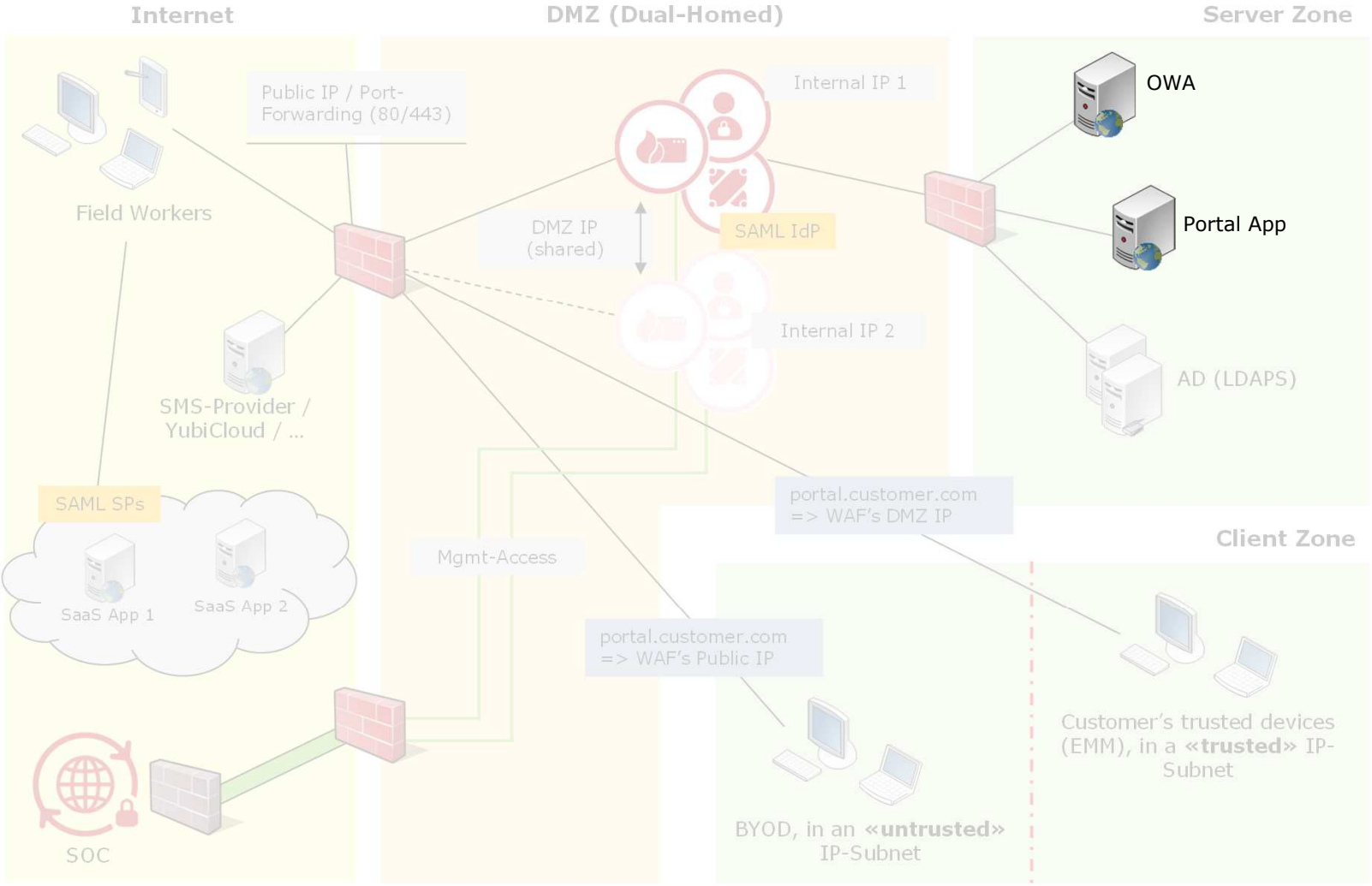


A Practical Example – Network Firewalls / Network Zones

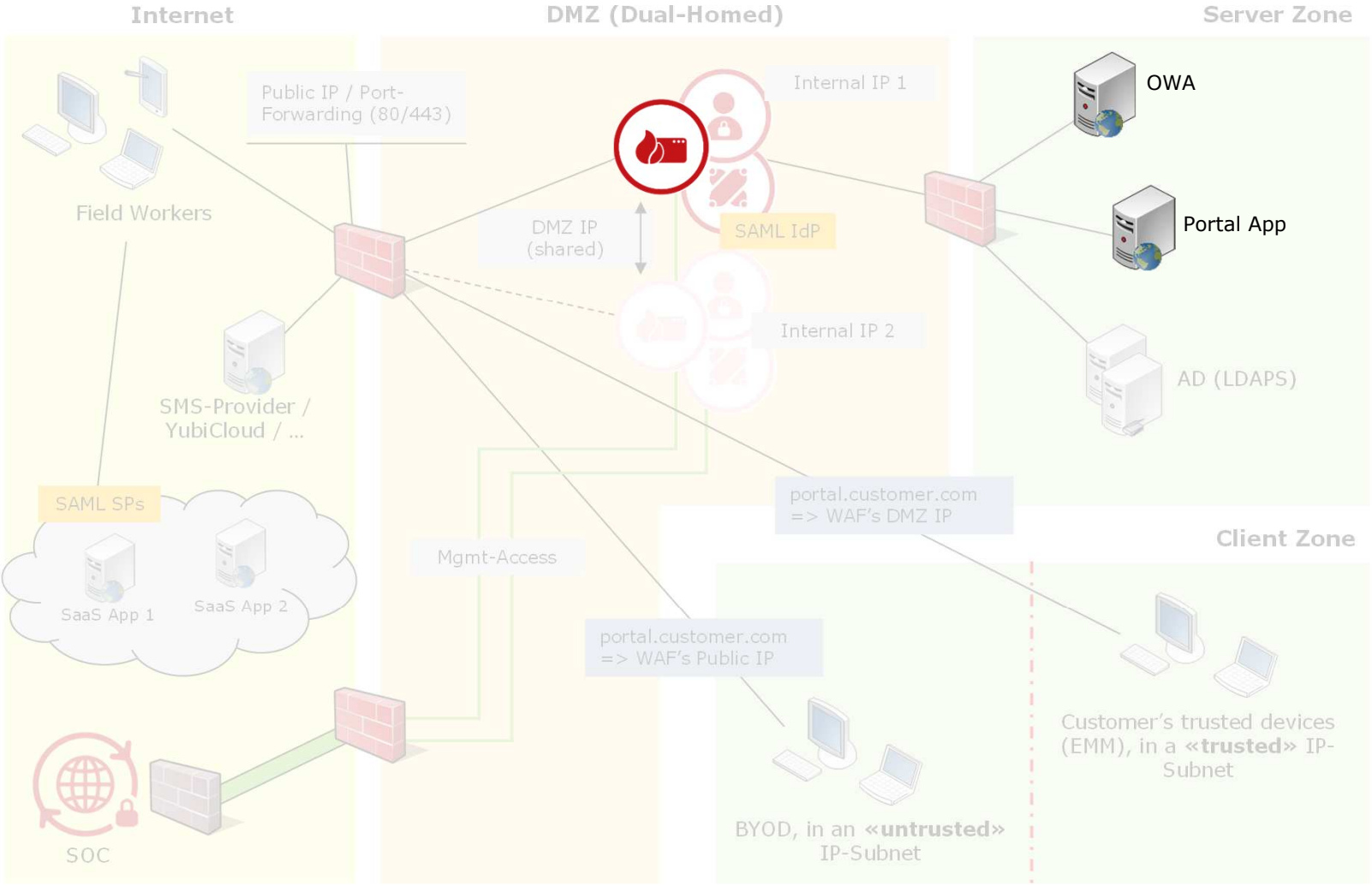




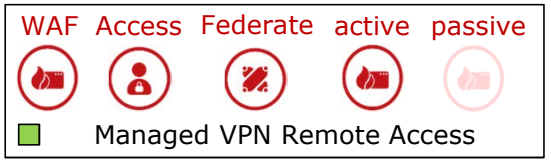
A Practical Example – Web Applications and Services

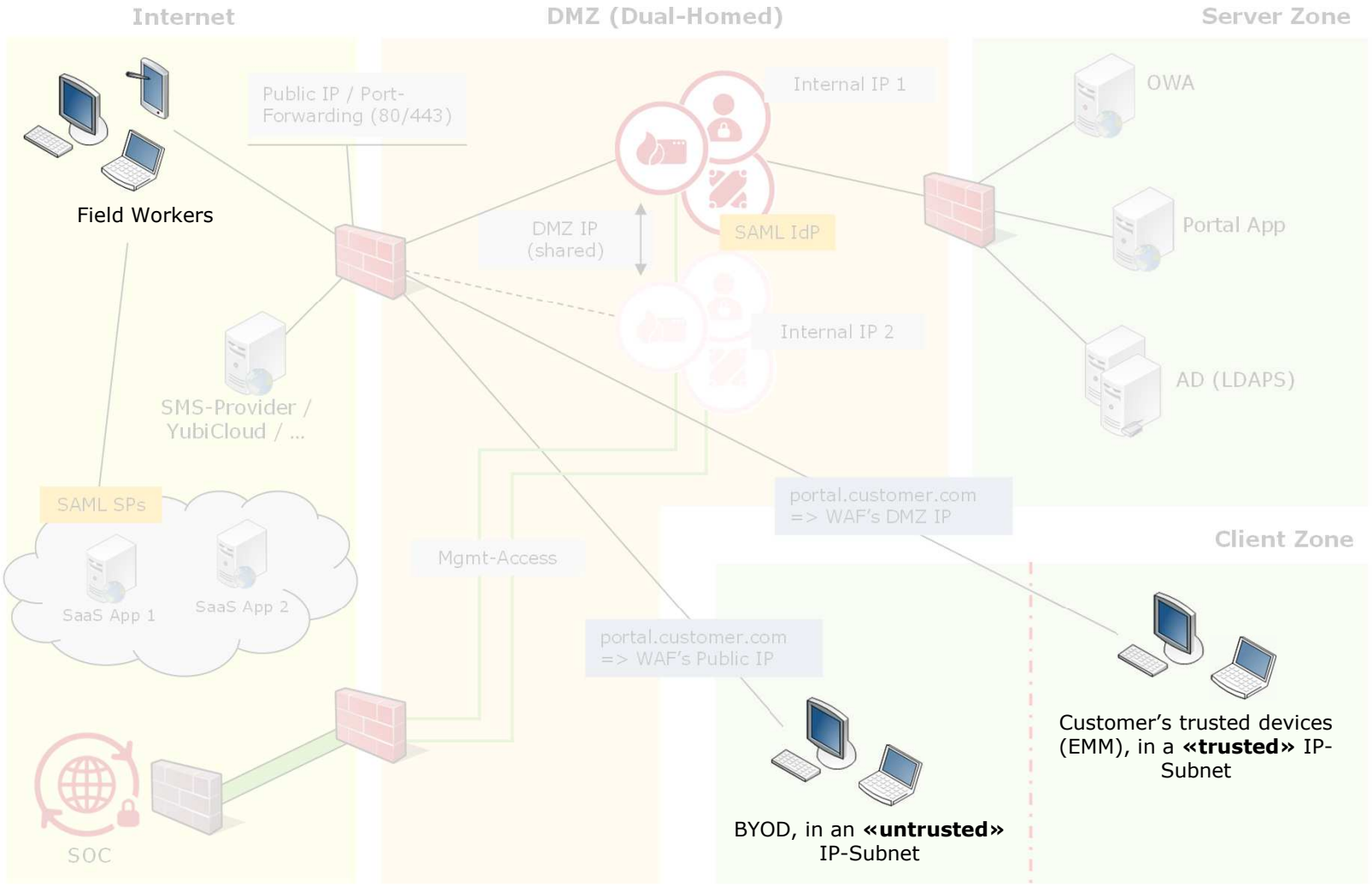


A Practical Example – Web Application Firewall

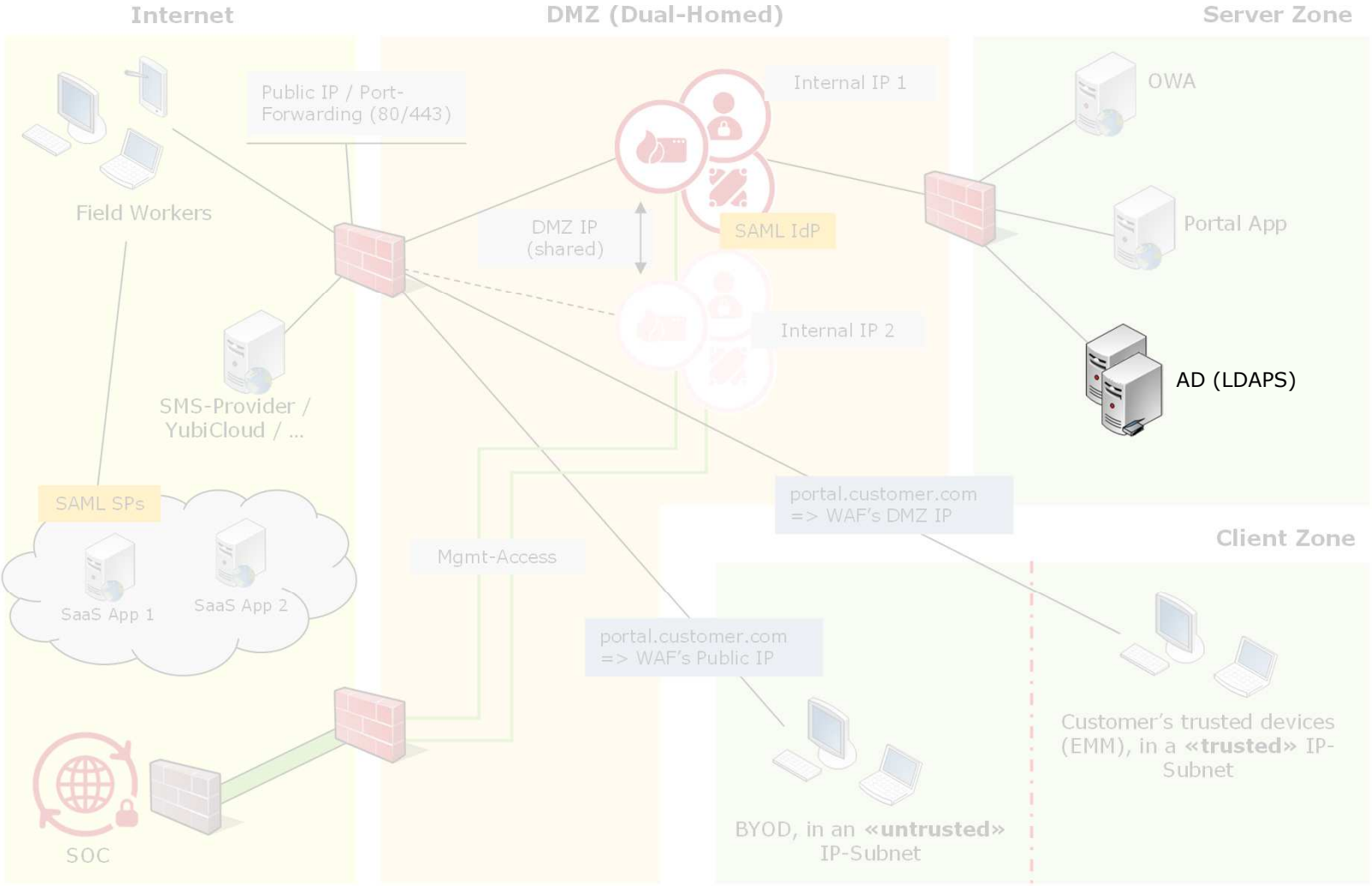


A Practical Example – Users and Devices

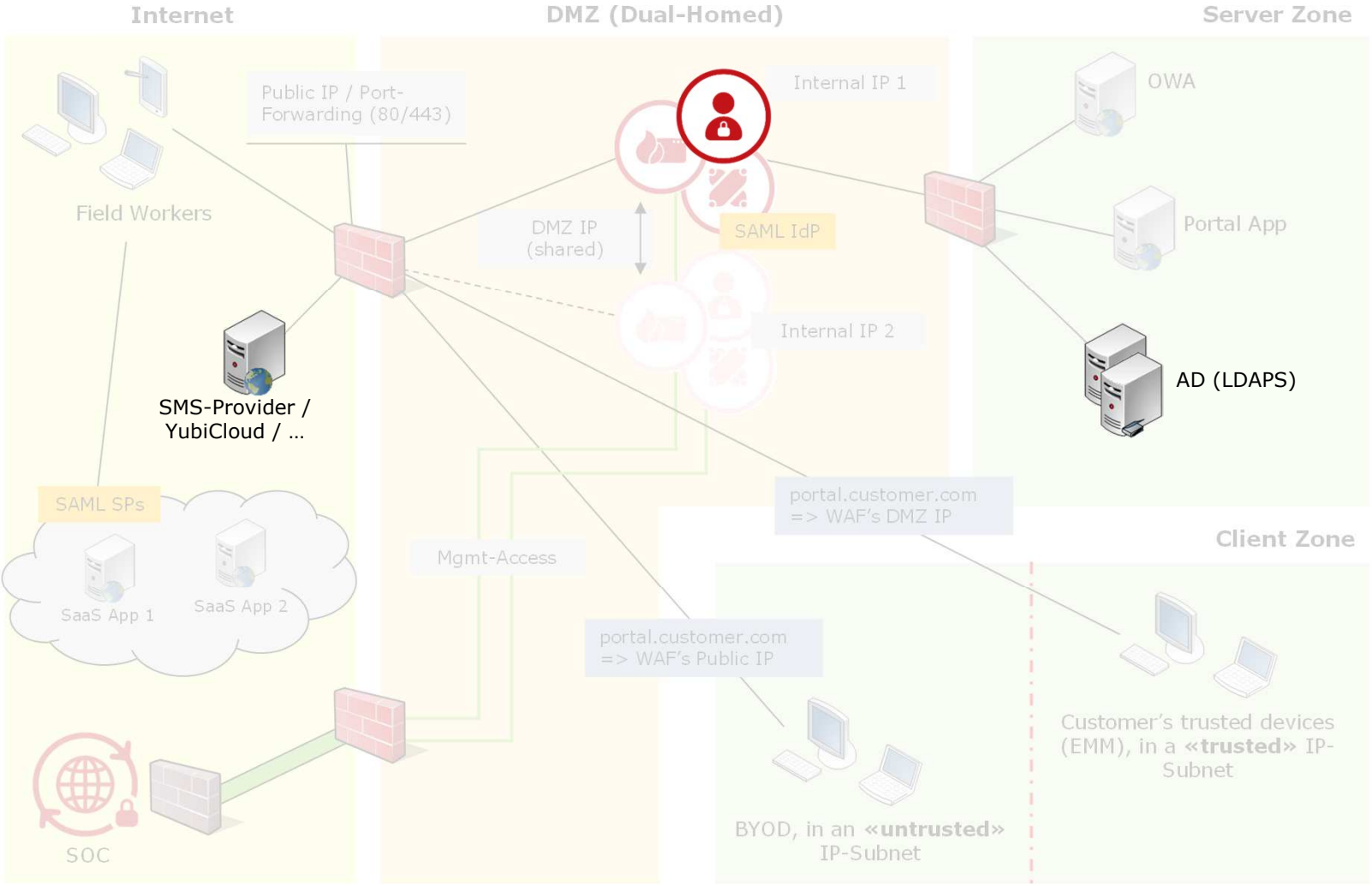




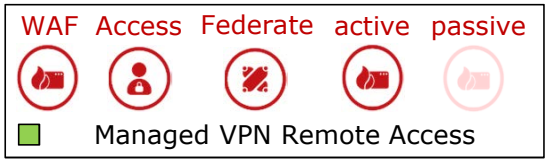
A Practical Example – User Identities

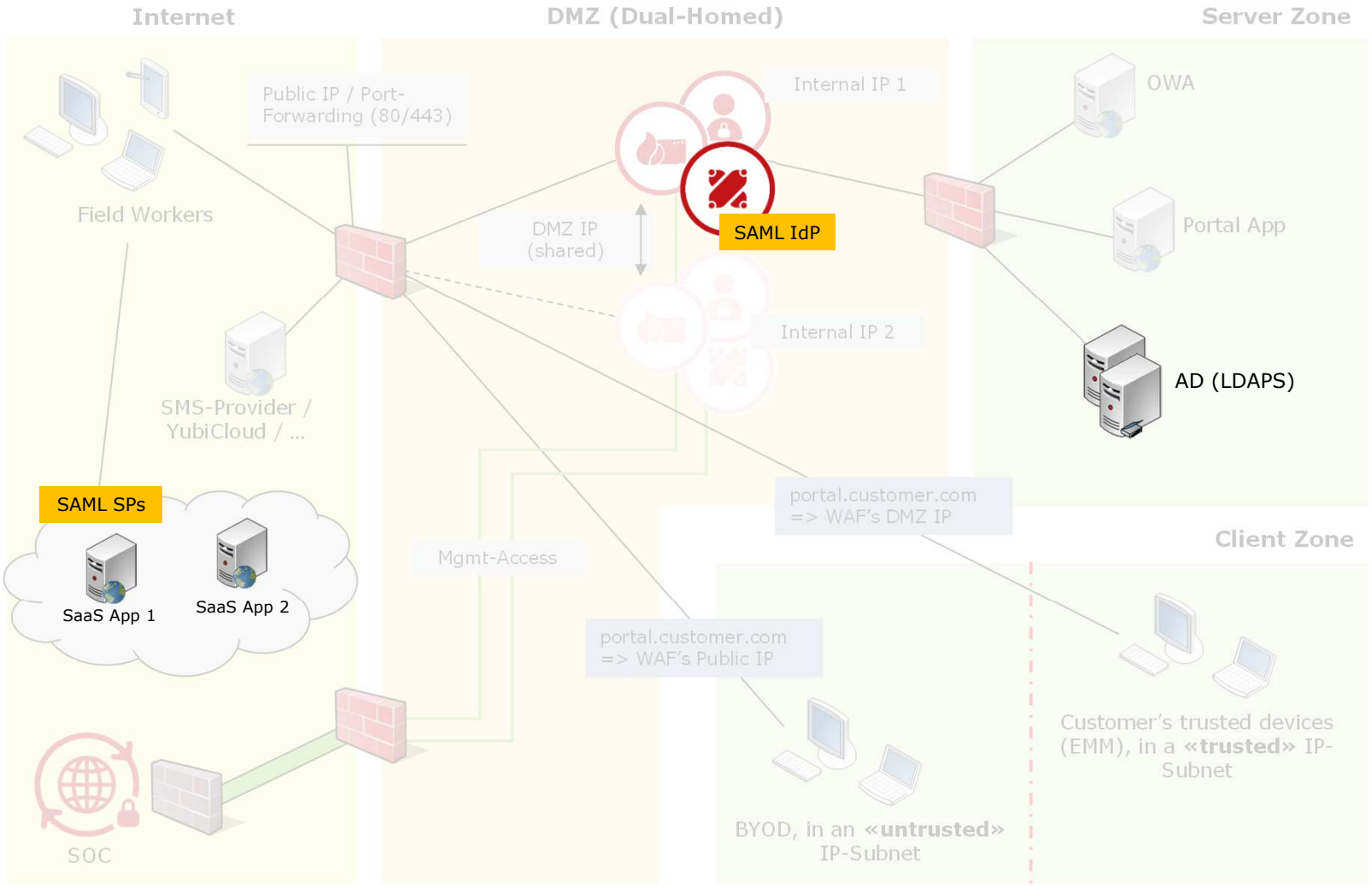


A Practical Example – Authentication Systems (SSO)



A Practical Example – Identity Federation Components (CDSSO)



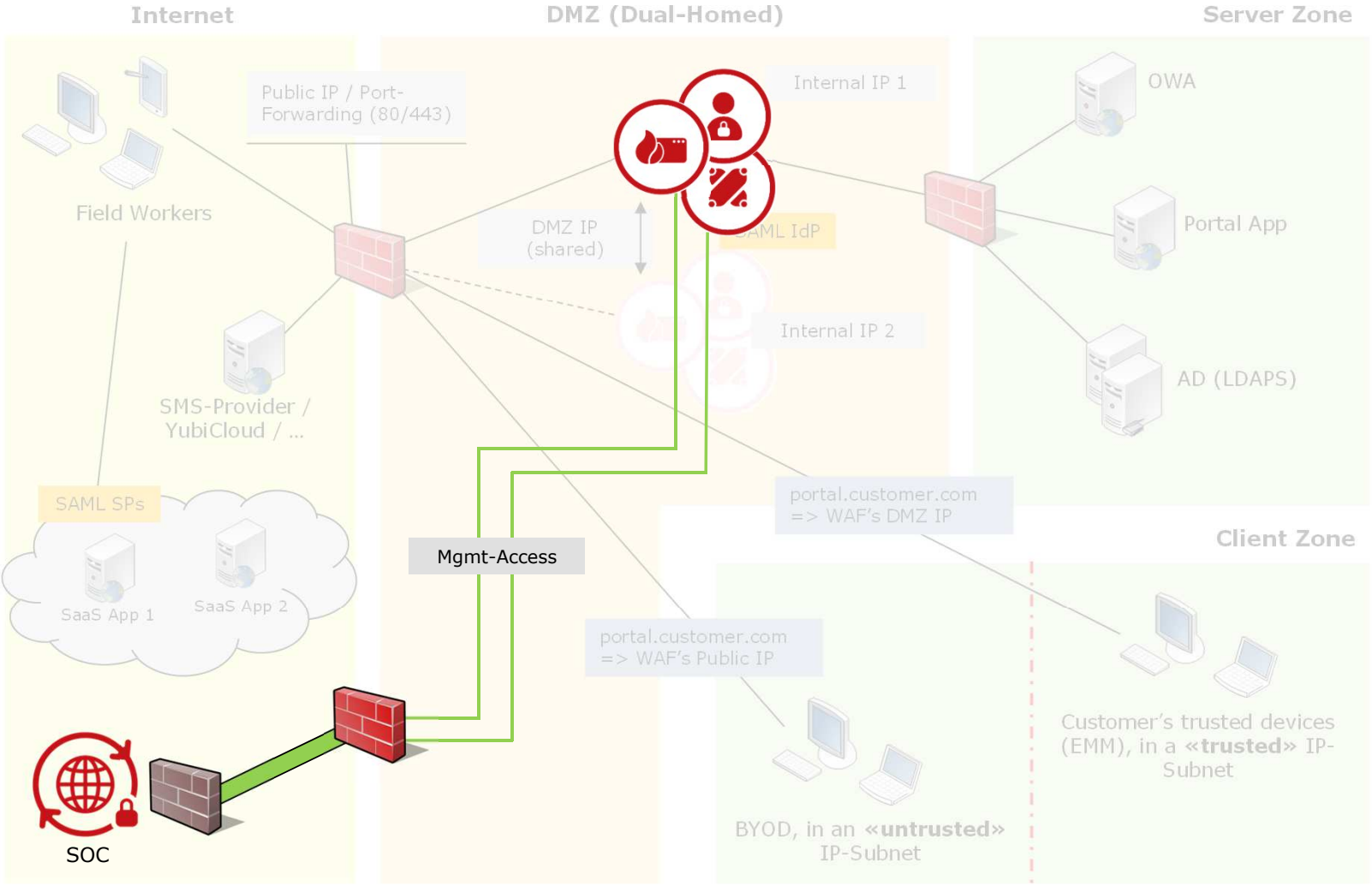


Now, how to manage the Web Application Security Platform?

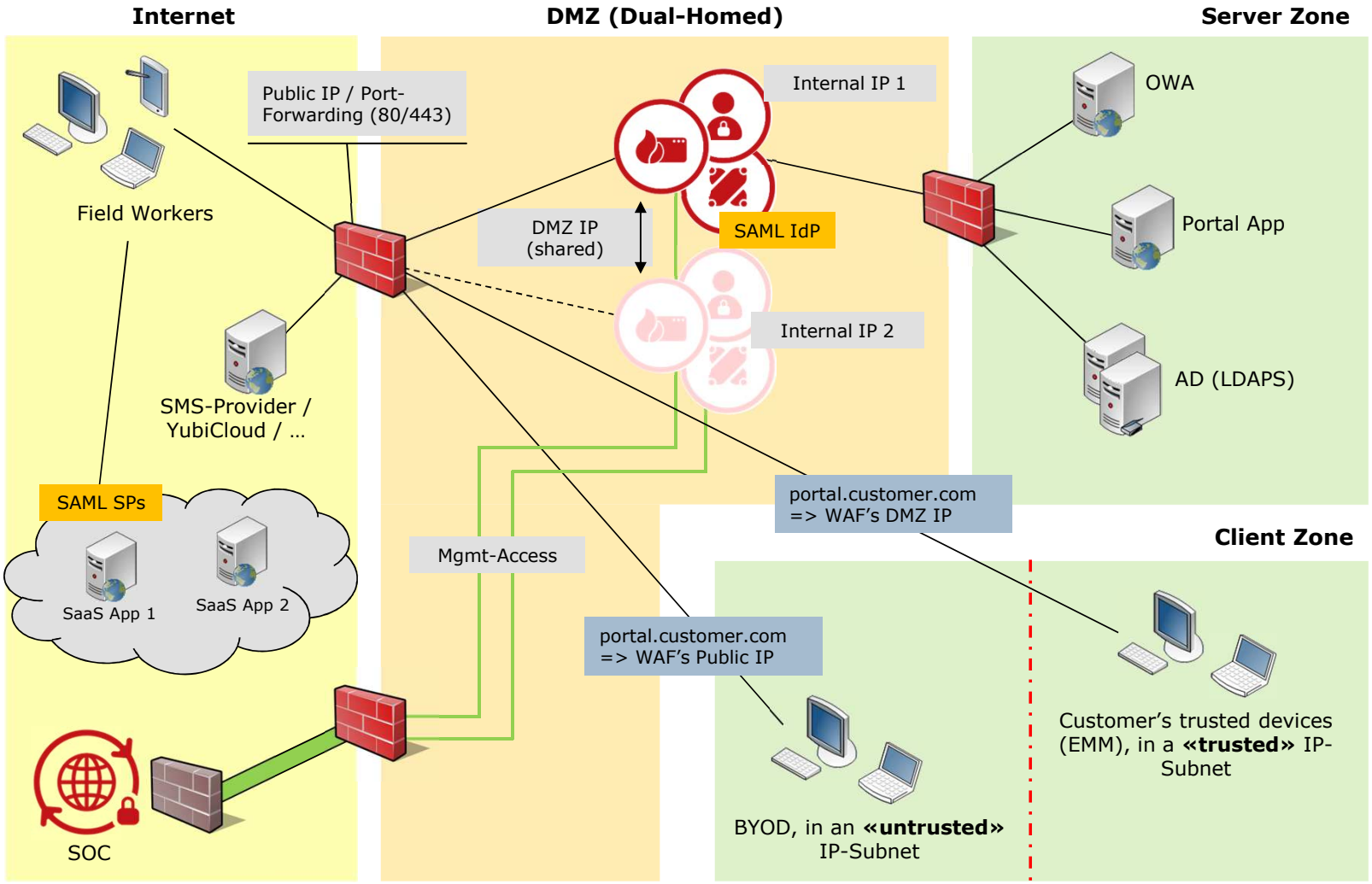
Challenges for business IT operations

- Complex heterogeneous environments
- Different systems, requiring different skills to manage
- Configuration needs to be adapted regularly
- Highly dynamic threat landscape
- Digitalization requires 24/7 availability of services

A Practical Example – Managed Services and SOC



What does the service do?



Agenda

1. Web Application Security Architecture Components
2. USP Connect®

United Security Providers' Products and Services

Area
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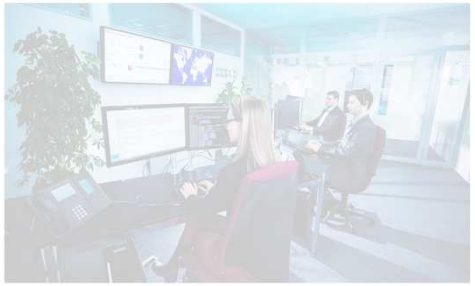
Remote Access

Mail Gateway

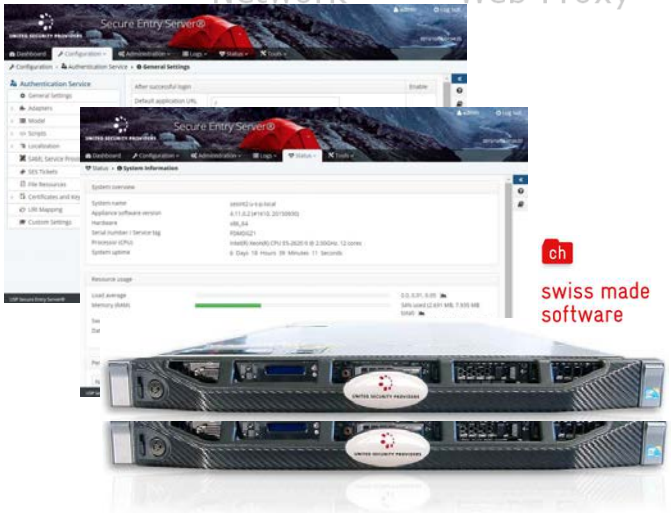


Network

Web Proxy

Web Application Firewall

Web Authenti-cation



swiss made software

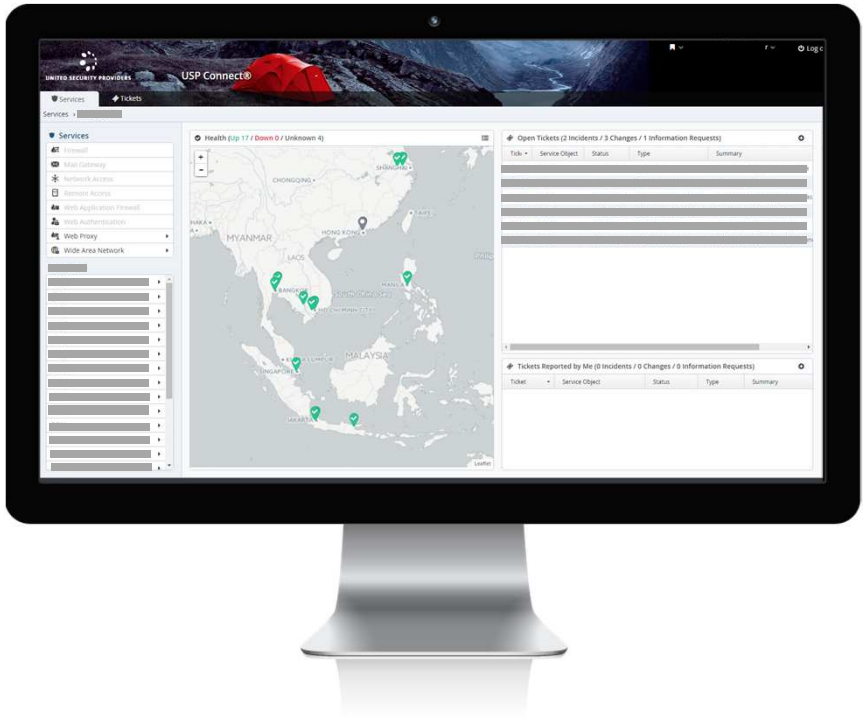
800

world wide customer locations

1'000'000

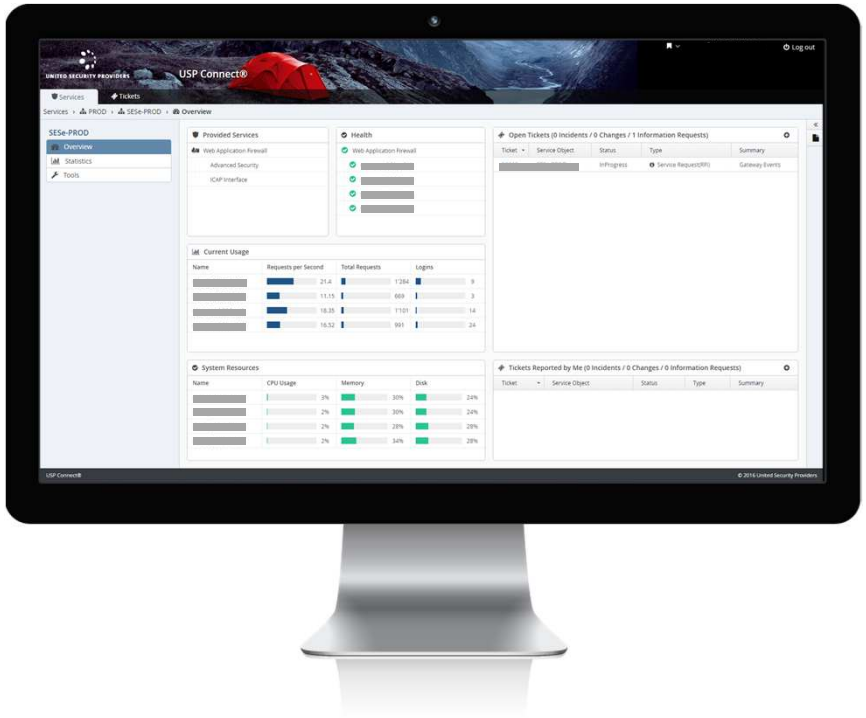
end users

USP Connect® - Your systems at a glance



- Status of all the services including WAF and Authentication

USP Connect® - Know every detail

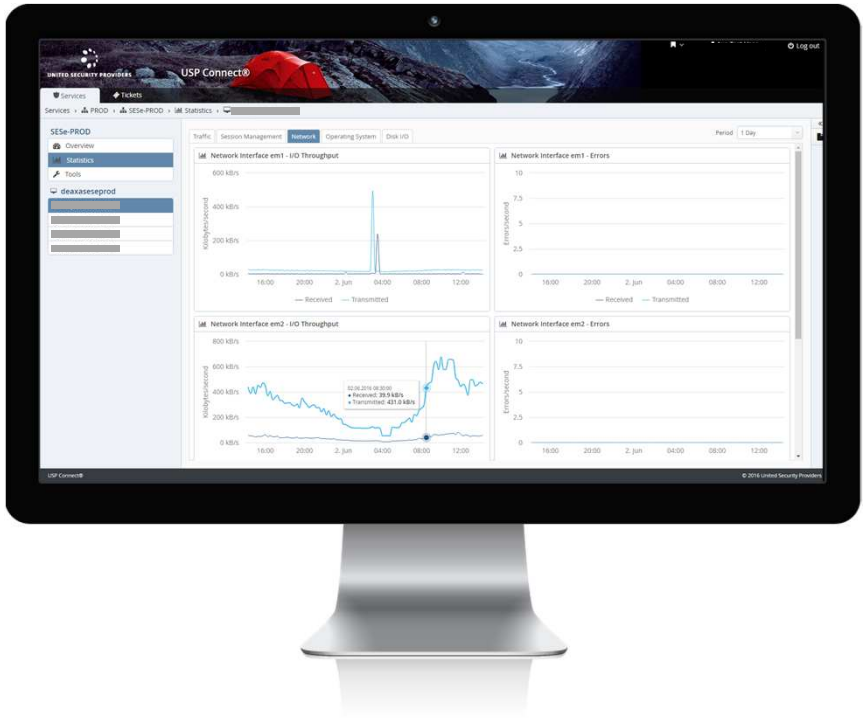


- Detailed information on all the systems and components

USP Connect® - See what is going on

- Realtime Systeminformation and statistics on:
  - **Traffic**
  - Session Management
  - Network
  - Operating System
  - Disk I/O

USP Connect® - See what is going on



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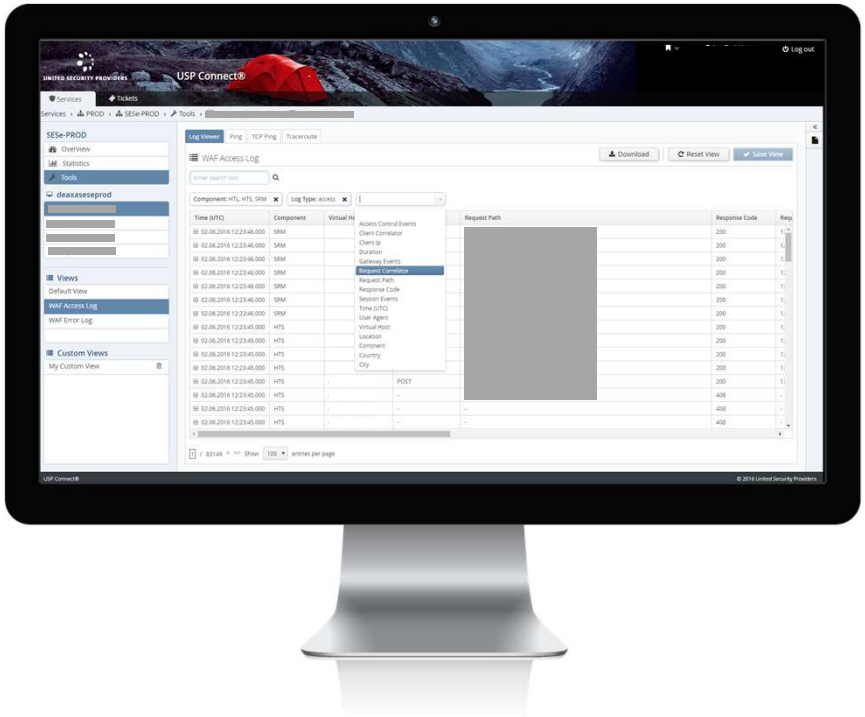
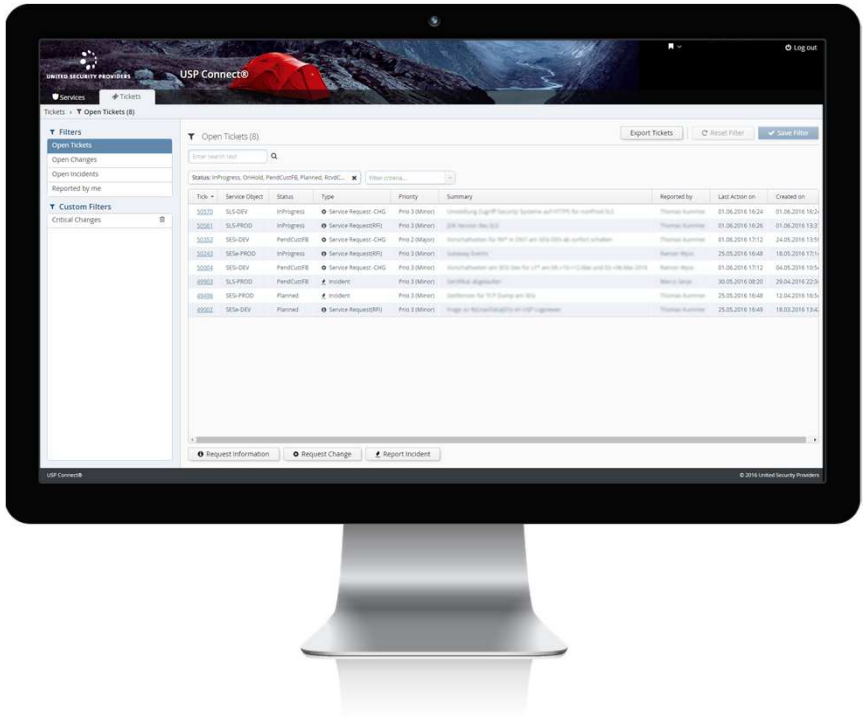
USP Connect® - Analyze what has happened



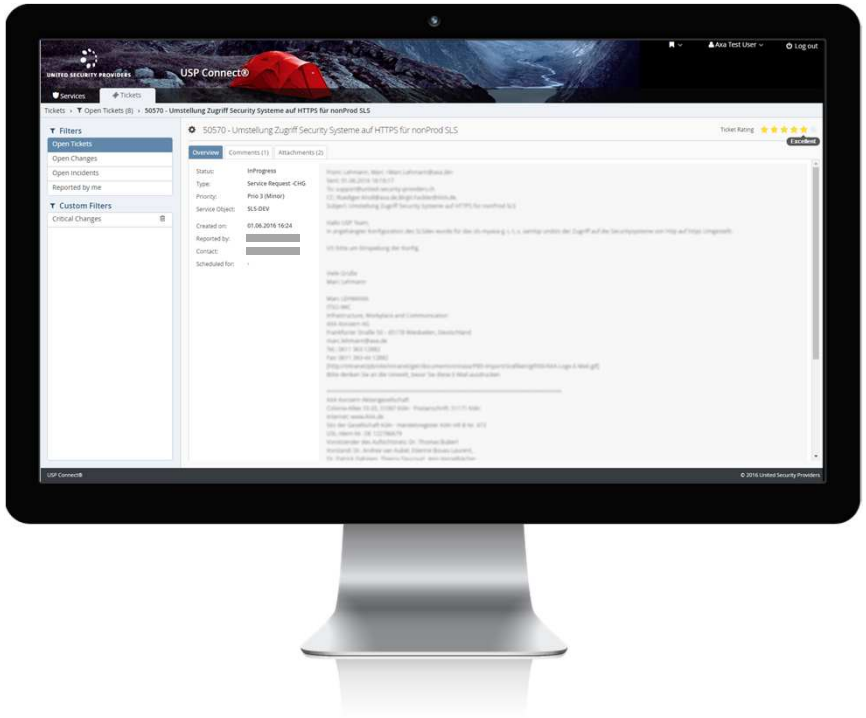
- Central logviewer with full-text search and fully customizable views

USP Connect® - Be in touch with the experts



- **Integrated ticketingsystem for requesting changes and reporting incidents**
- System to rate the tickets as a feedback

USP Connect® - Improve the service



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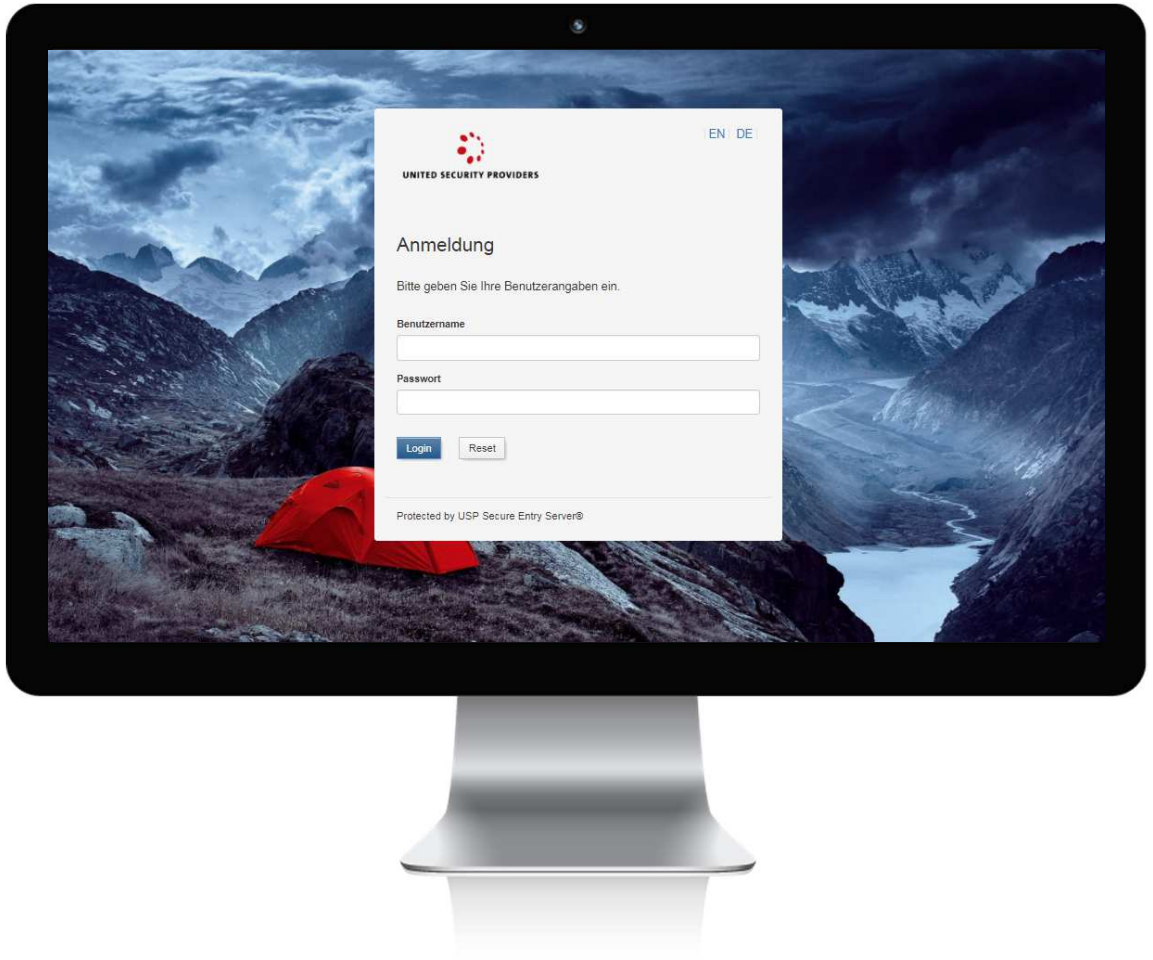
Demo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Solving your challenges with THE Swiss Cyber Security Service

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Dr. sc. ETH Zürich

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