SafeBreach

IT OT — Validate and Optimize Your Security Controls

RISK MITIGATION EFFICIENCY

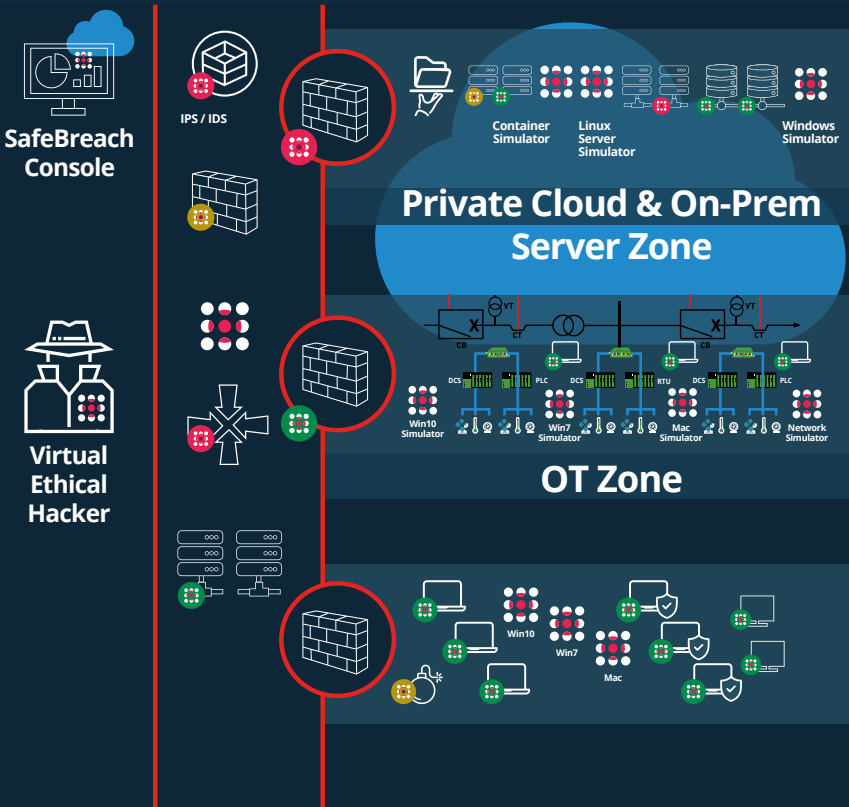| Ransom Attack	Abuse of Credentials	Attack on the Cloud	Data Theft

IT & OT Cyber Security Level
"Test" - "Report" – "Improve" "Test Again"

Leverage the Attack to Improve Your Defenses

Risk Remediation Never Stops, it is always ongoing. Detect and Mitigate Critical Gaps Before Actual Attack, Automate and Prioritize Remediation.

DRILL ENVIRONMENT FROM DEFENSE TO OFFENSE

SafeBreach Console

IPS / IDS

Virtual Ethical Hacker

Container Simulator
Linux Server Simulator
Windows Simulator

Private Cloud & On-Prem Server Zone

CB CT VT DCS PLC DCS RTU DCS PLC
Win10 Simulator
Win7 Simulator
Mac Simulator
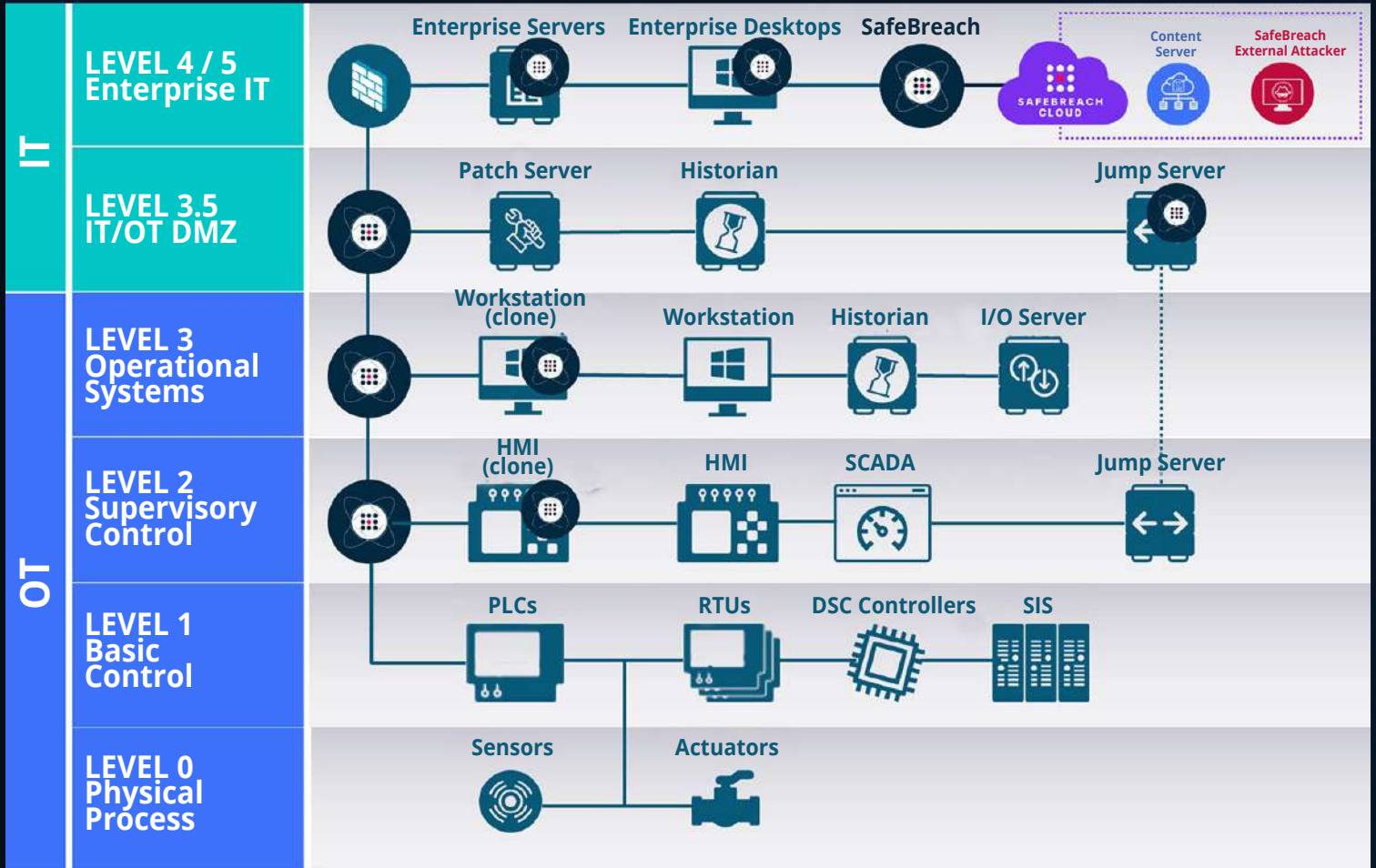Network Simulator

OT Zone

Win10
Win7
Mac

Constant **"wargames"** to identify your vulnerabilities in your cloud and on-premises network systems.

Use the cyber attack simulation drill platform to proactively detect attacks, tighten **your security posture by constantly measuring** and validating, increase your resilience.

Perform **scenario-based secure IT & OT cyber attack simulations** to strengthen your defense systems.

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IT & OT RED TEAM CYBER SECURITY PLATFORM "SAFEBREACH"

IT	**LEVEL 4 / 5** Enterprise IT	Enterprise Servers · Enterprise Desktops · SafeBreach · Content Server · SafeBreach External Attacker · SAFEBREACH CLOUD	
	LEVEL 3.5 IT/OT DMZ	Patch Server · Historian · Jump Server	
OT	**LEVEL 3** Operational Systems	Workstation (clone) · Workstation · Historian · I/O Server	
	LEVEL 2 Supervisory Control	HMI (clone) · HMI · SCADA · Jump Server	
	LEVEL 1 Basic Control	PLCs · RTUs · DSC Controllers · SIS	
	LEVEL 0 Physical Process	Sensors · Actuators	

Gain visibility across the entire cyber kill chain.

Ransomware **Credential Abuse** **Cloud Attacks** **Data Exfiltration** **Security Posture**

Threat Prevention

Network IPS/IDS

CWPP

Vulnerability Management

Firewall/VPN

SIEM SOC

Ransomware

Threat Prevention — EDR

CSPM

WAF

Email Gateway

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ICT
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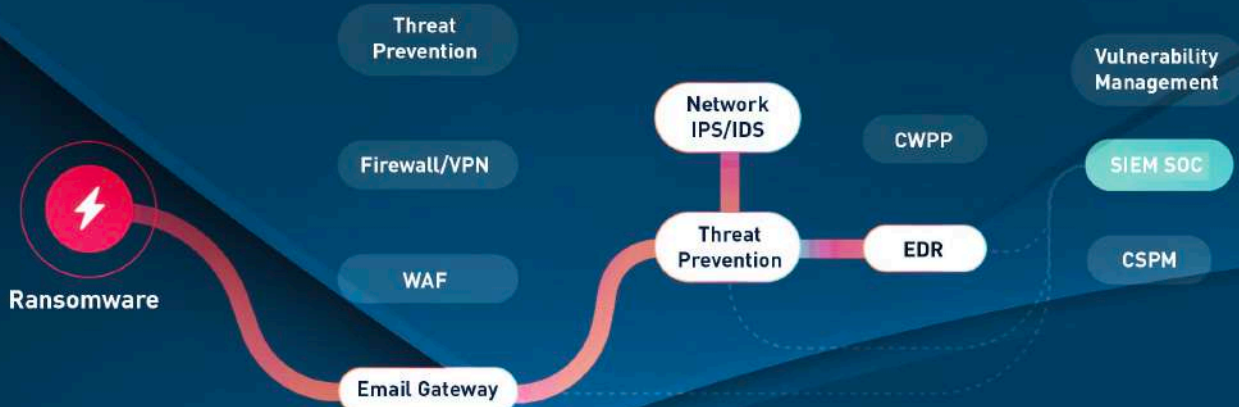
USE BAS POWER

SafeBreach

SafeBreach Security Validation Workflow

Reduce
- Attack Surface
- Risk Posture
- Security Gaps

Continuous Security Verification

Simulating Attacks
- Cloud, Network, Endpoint, Email Spoofing
- Lateral Movement, User Level
- Any US-CERT with 24-Hour SLA, Any Emerging Threat

Prioritize Results
- Relate to General Risk
- Visualize Path of Attack
- Filter and Target Critical Issues for Actionable Results

Security Control Verification

SC1	**Organization-wide Security Posture**
SC2	**Posture Assessment per OU/BU**
SC3	**Environmental Drift Detection**
SC4	**ITRE ATT&CK Assessment**
SC5	**Endpoint Techniques Assessment**
SC6	**Email Security Assessment**
SC7	**Environmental Verification**
SC8	**Data Leak Assessment**
SC9	**Segmentation Control Verification**
SC10	**Comparison of Security Controls**
SC11	**SOC/IR Verification**
SC12	**M&A Risk Assessment**

Threat Assessment

TA1	**Imminent Threat Assessment**
TA2	**MITRE Threat Actor Assessment**
TA3	**TI Integrated Assessment**

Cloud Security Assessment

CS1	**Cloud Threat Assessment**
CS2	**CWPP Control Verification**
CS3	**Configuration Control Verification**

Risk Based VM

VM1	**Security Gap Prioritization**
VM2	**Threat Based Security Gap Prioritization**

WATCH VIDEOS

OTD CATALOG

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