



CHECK POINT + UBIQUBE

SECURITY AUTOMATION AT SCALE

CHECK POINT AND UBIQUBE SECURITY AUTOMATION AT SCALE

Solution Benefits

Gain automation efficiencies in system integration projects, particularly across large scale venues

Integrate Check Point security into existing OSS/BSS and workflows faster at less cost

Onboard new Check Point products faster at less cost

Simplify security deployment and prevent threats with Check Point

Integrate other complimentary technologies such as Ansible or ServiceNow playbooks

Provide holistic integrated security automation and orchestration response (iSOAR)

CHALLENGE

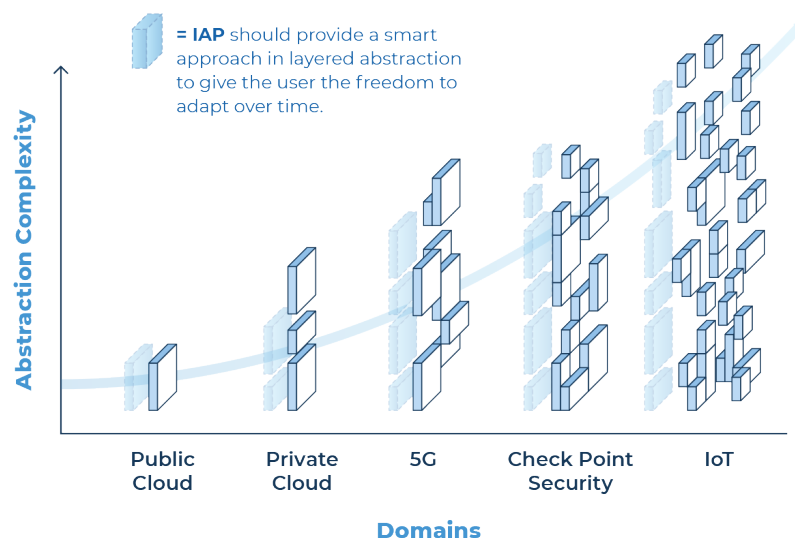
One challenge system integrators and DevOps teams face when planning new rollouts is how to integrate multiple diverse component parts and systems in the overall design plan. This may include different generations of applications, networks, clients and servers.

Meanwhile attacks targeting organizations continue to grow. Prevention, visibility and timely response is key to addressing these threats. Log and event analysis from infrastructure and security components, particularly within large ecosystems, requires automated processes to enforce countermeasures to fend off these attacks. Correlating events from diverse components can bridge infrastructure and security tools and provide a more holistic picture of the threat.

In addition, the final design plan must provide a dynamic, manageable and secure solution that includes DevSecOps interfaces. Automated provisioning and orchestration of system processes over any entity and any physical or virtual domain facilitates workflow and process management to create a dynamic, manageable and secure solution.

A DEVOPS-READY SOLUTION

UBiqube and Check Point are partnering to provide a comprehensive holistic solution that empowers developers as well as operators.



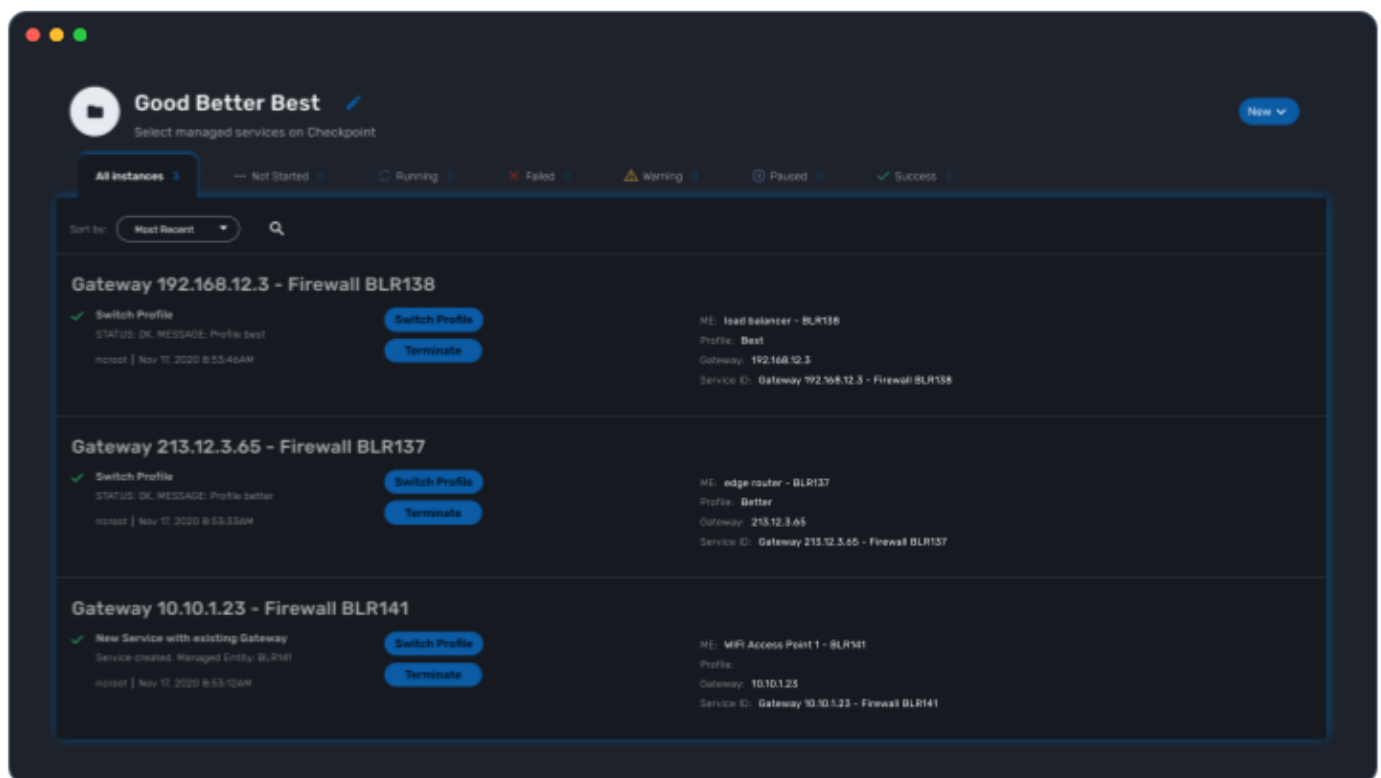
UBiqube MSAActivator™ (MSA) is a true Integrated Automation Platform (IAP) that is tightly integrated with Check Point security. Together the combined solution creates an agile security solution required in any new infrastructure design. This approach automates the full lifecycle, which speeds up deployment within complex, cross-environment and hybrid or multi-cloud IT infrastructures. This is crucial for large venues that require this sort of automated manageability.

MSActivator offers a single pane of glass User Interface (UI) that presents developers and managers with one common interface for managing multiple, disparate systems. The MSA easy-to-use UI enables anyone to create, change, heal or scale any complex IT infrastructure consisting of multiple underlying systems and technologies. This includes using Check Point APIs to provision, automate and manage security.

UBique's MSA enables integrated automation over any entity, any interface, any physical or virtual domain for end-to-end automation workflow design and process management. MSA is a multi-tenant, full life cycle orchestration framework designed for new networking paradigms. Check Point is a DevSecOps ready security platform for network, cloud, mobile and IoT environments, keeping organizations secure from both known and unknown zero-day attacks. Together Check Point and UBique empower customers and partners with a powerful holistic automation of workflows, freeing SOC and IT security teams to focus on more critical tasks. Use cases include SOAR as well as orchestrating and automating large venue infrastructures and systems.

Service Packages

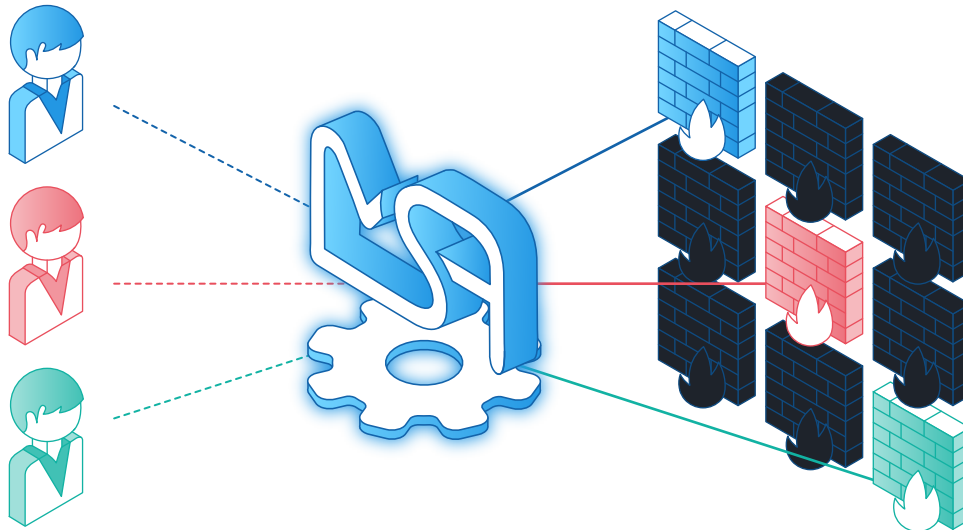
Arm your customers with a simple menu of pre-vetted security solutions. Include Check Point in all of them. Simplify customer decisions and, consequently, speed revenue. MSA could enable you to offer a pre-vetted menu of "Good-Better-Best" security levels. Each level uses similar Check Point products, but with different standard Check Point features enabled, such as NGFW, Next Gen Threat Prevention (IPS, Antivirus, Anti-Bot) or the complete security suite including sandboxing and Content Disarm and Reconstruction (CDR) technologies).



Multi-Tenancy

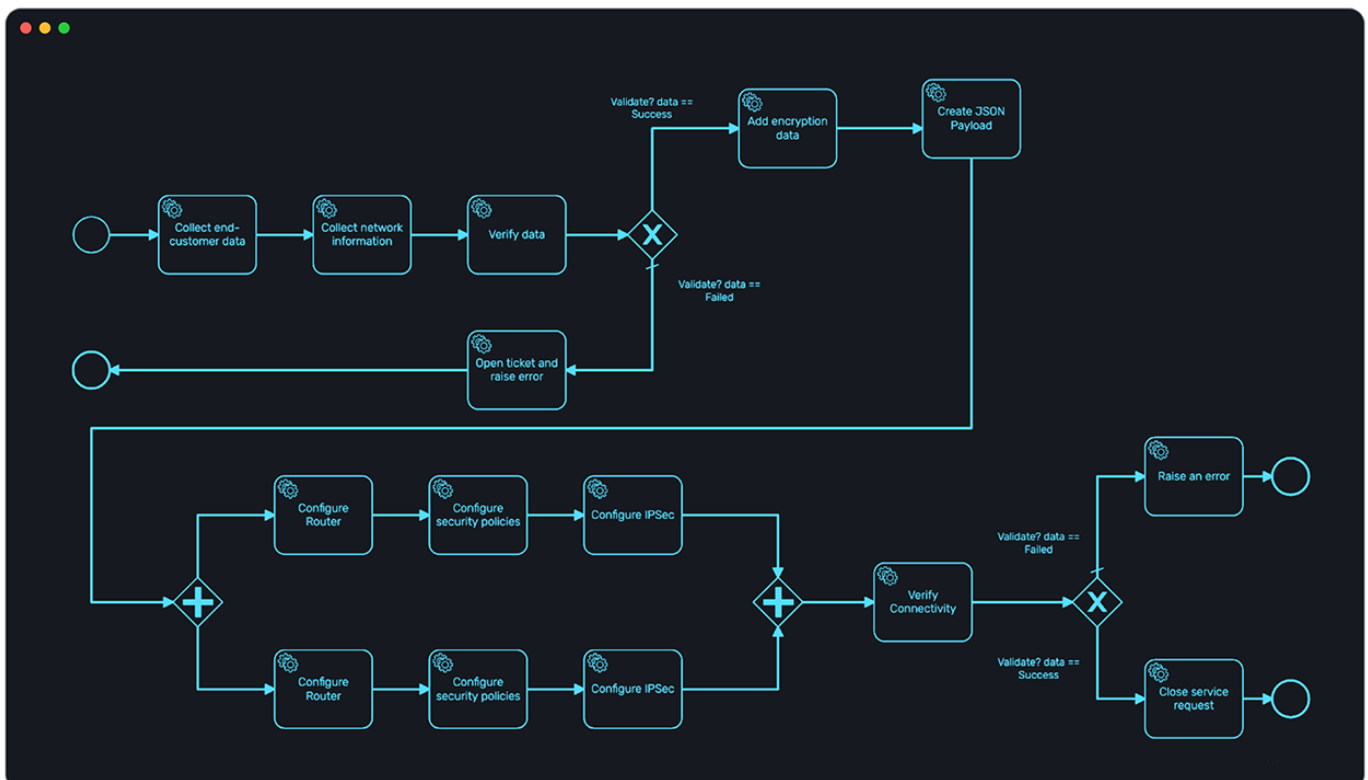
The solution provides full lifecycle management for Check Point solutions instead of manually controlling various endpoints. MSA can assist with initial provisioning, scaling, multi-tenancy and use of best practices in large venue environments. MSA allows Check Point products to be automatically configured so one does not need to worry about the underlying complexity of various endpoints.

This is particularly helpful in coordinating disparate systems to work together in a holistic security solution. MSA can also help working in multi-vendor environments by integrating various controllers (e.g. securing SD-WAN local Internet breakouts with Check Point FWaaS product CloudGuard Connect).



DevOps Ready Solution

MSActivator and Check Point APIs lets you and your teams rely on an integrated set of solutions or a "toolchain" to remove manual steps, reduce errors, increase team agility, and to scale beyond small, isolated teams. The solution provides all the tools to design, implement, test and run in production environments complete full CI/CD pipelines.



Security API Gateway

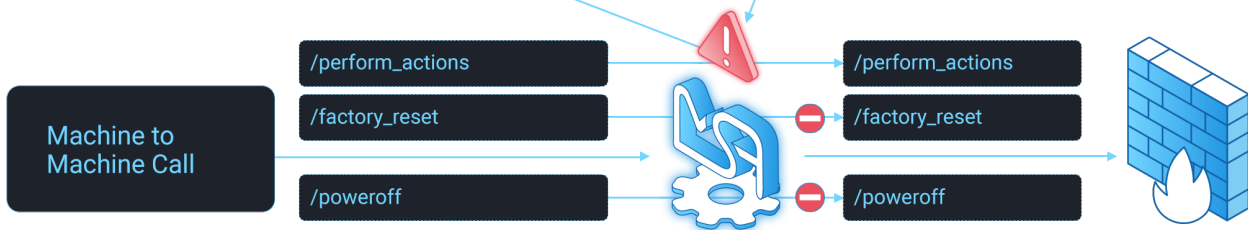
MSActivator works well as a security API gateway to ensure that existing APIs or new APIs that are used across the digital landscape can be safeguarded against unauthorized access or tampering. MSActivator can use workflows to allow only secure APIs access to systems and ensure a holistic Check Point security to every component part.

Insecure API

```
POST https://10.0.0.1:8080/api_v2/perfrom_actions
Body
1 {
2   "set_options": {
3     "host_name": "ROUTER#001",
4     "timezone": "UTC",
5     "root_user": "admin",
6     "root_password": "qwert!233"
7   },
8   "restart_after_changes": "Yes"
9 }
```

Secure API

```
POST https://10.0.0.1:8080/api_v2/perfrom_actions
Body
1 {
2   "set_options": {
3     "host_name": "ROUTER#001",
4     "timezone": "UTC"
5   }
6 }
```



Integrated SOAR

Integrated SOAR (iSOAR) involves all infrastructure components of a digital process (from the data center through WAN up to the edge and the IoT). With Check Point security it means that all components across the digital landscape are incorporated into a secure framework to give a holistic approach to cybersecurity. Our combined cloud native solution offers:

- reduced dependency on expert talent with their associated costs
- automation of any business process with 360° security integration
- DevSecOps is made possible thanks to the MSA's abstraction engine
- visual workflow editor (BPM) allows no code security implementation

Summary

Cutting the umbilical cord between cross-environment, complex infrastructure layer (device or cloud-based) and the process orchestration layer eliminates the dependency on specific skills and associated personnel costs. It opens up a new realm in DevSecOps collaboration while keeping the ability to integrate on the go. This means a reliable scalable secure ecosystem, regardless of physical or logical size.

About Check Point

Check Point Software (www.checkpoint.com) is a leading provider of cyber security solutions to governments and corporate enterprises globally. Its solutions protect customers from cyber-attacks with an industry leading catch rate of malware, ransomware and other types of attacks. Check Point offers a multilevel security architecture that defends enterprises' cloud, network and mobile device held information, plus the most comprehensive and intuitive one point of control security management system. Check Point protects over 100,000 organizations of all sizes.

About UBiqube

UBiqube (www.ubiqube.com) is the leader in integrated automation platform (IAP) technologies. Multi-domain and multi-vendor integration for infrastructure automation is enabled by UBiqube's MSActivator. MSActivator uses highly abstracted device and function modeling to eliminate the integration penalty associated with distributed infrastructures and provides a smooth journey to digital infrastructure automation. Headquartered in Dublin (Ireland), UBiqube has offices globally and an expanding ecosystem of certified system integrators building intelligent infrastructure for Smart World projects including Smart Cities and Industry 4.0.

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