

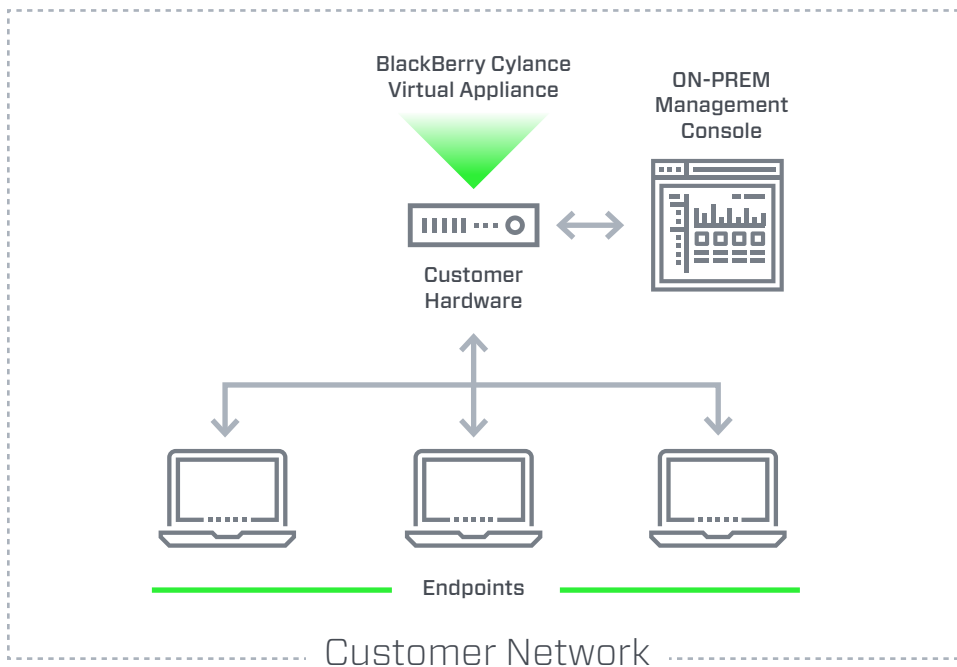
# CylanceON-PREM™

BlackBerry® Cylance® Protection Without a Connection

## In-House Security Solution

CylanceON-PREM is a standalone version of the CylancePROTECT® security product. Intended for isolated or air-gapped networks, CylanceON-PREM includes the Cylance Management Console and predictive threat detection models. This allows security admins to manually update agents without compromising their network by connecting to the Internet or cloud services. CylancePROTECT's predictive technology, managed through CylanceON-PREM, also offers security against internal threats like infected USB devices or on-site installation of hostile programs, which air-gapping cannot prevent.

## CylanceON-PREM



## Achieving the Apex of Security

Some organizations require the utmost in security for their internal systems. Their infrastructure may be completely removed from outside connections. CylanceON-PREM fortifies these entities against both outside and inside threats by adding an advanced layer of system security that requires no outside connection.

### CylanceON-PREM Program Key Value Propositions:

- Manage policies, agents, users, devices, safe/quarantine lists, and device tags using a local copy of the Cylance Management Console
- Take advantage of predictive threat analysis tools engineered using artificial intelligence and machine learning based conviction models to secure infrastructure against current and future threats
- Preserve isolated or air-gapped network integrity
- Benefit from centralized device event monitoring and alerting capabilities

CylanceON-PREM deploys as a virtual appliance to a customer-sourced server. Once installed, it provides local security administration through the virtualized management console. This allows a closed network to remain closed while still maintaining a strong security posture against inside threats.

**Industry Use Cases:**

- Federal and Defense
- Information Security
- Adtech
- Healthcare
- Life Sciences
- Design and Engineering
- Financial Services
- Energy

**CylanceON-PREM Details**

**Data Advantage**

Advantage	Details
<b>Full Control</b>	<b>Fully manageable</b> through its local, virtualized, management console.
<b>Outbound Data</b>	Operates without any outside connection, offering advanced security with absolutely <b>no outbound data</b> .
<b>Inbound Data</b>	Prevents internal threats through revolutionary device and script control. Infected devices introduced internally are identified and <b>blocked before they can execute</b> .

**Hardware Requirements**

CylanceON-PREM deploys as a virtual appliance. It requires the following resources, which may change with further testing:

	For Up To 10,000 Endpoints	For 10,001 To 50,000 Endpoints	For the Database Server
<b>Hypervisor</b>	VMware ESXi, 6.5.0	VMware ESXi, 6.5.0	
<b>RAM</b>	16GB	16GB	16GB
<b>CPU</b>	4 cores (Intel(R) Xeon(R) CPU E5-2650 v4 @ 2.20GHz) or greater	20 cores (Intel(R) Xeon(R) CPU E5-2650 v4 @ 2.20GHz) or greater*	4 cores (Intel(R) Xeon(R) CPU E5-2650 v4 @ 2.20GHz) or greater
<b>Free Disk Space</b>	1TB		500 GB hard drive

*\*Note: After the OVA is deployed the system admin needs to increase the CPU from 4 to the 20 CPUs*

**About BlackBerry Cylance**

BlackBerry Cylance develops artificial intelligence to deliver prevention-first, predictive security products and smart, simple, secure solutions that change how organizations approach endpoint security. BlackBerry Cylance provides full-spectrum predictive threat prevention and visibility across the enterprise to combat the most notorious and advanced cybersecurity attacks, fortifying endpoints to promote security hygiene in the security operations center, throughout global networks, and even on employees' home networks. With AI-based malware prevention, threat hunting, automated detection and response, and expert security services, BlackBerry Cylance protects the endpoint without increasing staff workload or costs.



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