

# Ensure Docker Containers Run Securely in the Data Center Using Symantec™ Control Compliance Suite



## Solution Brief



Many enterprises are adopting the use of containers because they address the challenge of getting software to run reliably when moving from one computing environment to another. This could be from a developer's laptop to a test environment, from a staging environment into production and perhaps from a physical machine in a data center, or to a virtual machine in a private or public cloud.

Enterprises face two key challenges when incorporating containers into their overall IT strategy: security and a lack of mature tools.

Enterprise IT organizations are looking to containers to help them achieve more modern application architectures and development processes to innovate more quickly. Security of the containers, on the other hand, has not yet been a dominant focus among early adopters. While a concern for all firms using containers in production, it is an even greater worry for companies using containers with production workloads in multi-tenant environments.

Docker containers introduce new threat surfaces to the data center. The host operating system, the Docker daemon and its containers are open to vulnerabilities that can be breached. The Docker app store already lists over 100,000 free apps, but these pre-built containers have a wide range of security impacts that are not readily apparent. A recent study identified more than 70% of available container templates have medium to high vulnerabilities.

The latest release of [Symantec Control Compliance Suite](#) addresses this very issue. With Control Compliance Suite, you will be able to ensure that the host operating system, Docker daemon, and the Docker runtime are secured. Control Compliance Suite gives you the power to assess security posture across your entire Docker deployment. With [out-of-the-box CIS benchmark](#) (65+ checks), customers can run assessments across RHEL, CentOS, and Ubuntu to evaluate Docker Security.

If you're already using Control Compliance Suite, a simple content update will instantly provide visibility, compliance capabilities to containers in your data centers.

And, if you're exploring the benefits of Docker (which there are many), and you want to learn more about Symantec solutions in this area, [click here](#) for a list of critical security considerations as well as a more expanded description of the vulnerabilities that may put unprotected Docker environments at risk.