

Secured Component Verification

With Secured Component Verification (SCV), organizations can confidently deploy new devices knowing that critical components are matched exactly with the configuration that left the factory.

Key benefits

- Verify devices are secure through setup: SCV ensures that Dell commercial devices are delivered and ready for deployment exactly as they were built by Dell manufacturing.
- Enhance IT security: Align your security standards with Zero Trust principles and other emerging industry guidelines to meet the most demanding requirements for secure IT infrastructure.
- Improve IT security operations: Add SCV to your standard operating procedures for deployment for a low touch, low risk enhancement that ultimately secures your overall IT security operations.
- Secured Component Verification provides digital proof and supply chain security by ensuring that the Dell system hardware components ordered match the components that were manufactured and assembled in the factory.

Supply chain security is a major concern with organizations demanding more vigilance and scrutiny over product security from the factory to their loading dock. Ensuring the safety of their devices and accompanying is critical for their operations.

- Supply chain IT globalization is a reality for most products, and that means that the security of the technology supply chain is under constant scrutiny. While Dell has established comprehensive security procedures from the very beginning, and continues to optimize them, some customers have elevated component security requirements. SCV provides these added security measures.

Key Features

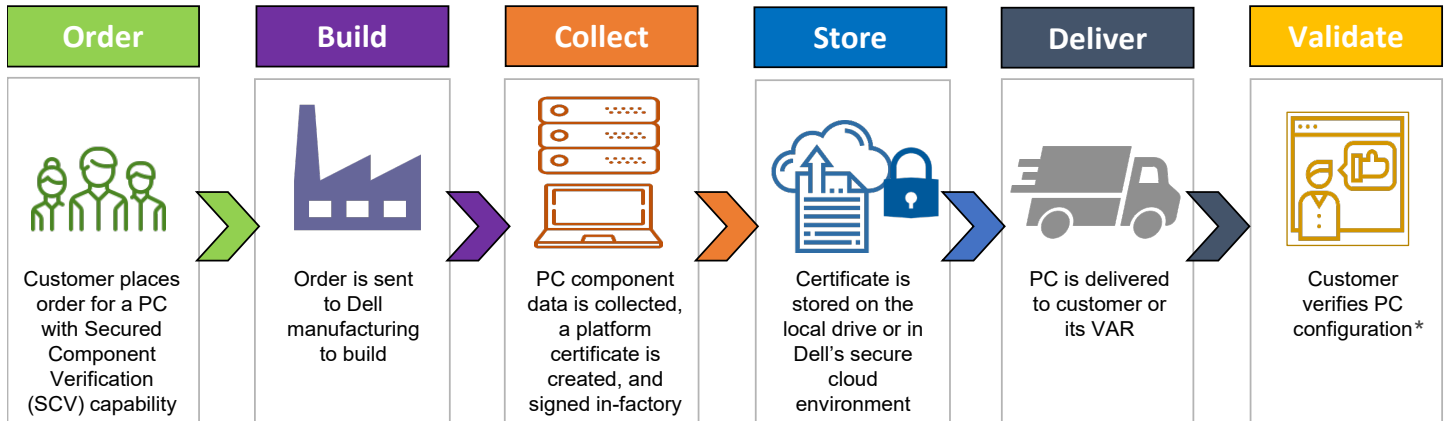
- Platform certificate created during build and stored on the PC or in a secure cloud environment.
- Deploy your Dell commercial devices with a component set that is delivered with an encrypted “as-built” certificate that you can validate.
- Platform certificate ensures that components such as the baseboard, processor, OEM, memory, hard drive, network card and TPM are delivered as ordered and per spec.
- Verify your as-built Dell hardware configurations for more secure deployments.

How it Works

Once a customer places an order for a PC with SCV, the product is built, PC component data is collected and encrypted, and this information generates a platform certificate that is created and signed at the factory. The digital certificate is stored either on the local drive or in a secure Dell cloud for delivery to the customers. Upon receipt, the customer can validate the components delivered to the certificate. This process ensures that what the customer ordered is what they received and is free of tampering. See Illustration on page 2.

Options

| SCV (on Device) On-Host Solution | SCV (on Cloud) Off-Host Solution** |
|--|---|
| <p>Certificate Storage: Generates and stores an inventory certificate on the Dell device that confirms authenticity.</p> | <p>Certificate Storage: Generates and stores an inventory certificate off-host in Dell's secure cloud environment that authenticity.</p> |
| <p>Validation method:</p> <ul style="list-style-type: none"> • Use tool from Dell drivers & downloads site to extract the certificate. • Use a 3rd party tool (HIRS tool) to do the validation using the certificate and endpoint. | <p>Validation method:</p> <ul style="list-style-type: none"> • Deploy Support Assist for Business & the Dell Trusted Device (DTD) Notification agent on the endpoint. • View validation status via online portal (TechDirect) for retrieval verification status. |
| <p>Product Availability: Compatible with a select number of TAA SKUs in North America. Please visit the link in Product Availability section for compatible product information.</p> | <p>Product Availability: Available worldwide across the Dell commercial PC lineup.</p> |
| <p style="text-align: center;">Product Availability: For more information on SCV and compatible products, please see our Knowledge Base article on Secured Component Verification.</p> | |



About Dell Endpoint Security

Secured Component Verification is part of the larger Dell Trusted Workspace endpoint security portfolio. Through Dell Trusted Workspace, customers can access “built-in”/“built-with” security features, as well as “built-on” software-based protections, to help ensure a comprehensive defense framework for today's evolving threat landscape.

Built-in & Built-with Security

Hardware & firmware protections for Dell commercial PCs

- **Dell SafeBIOS:** Mitigate the risk of BIOS and firmware tampering through Dell's exclusive¹ off-host BIOS verification, BIOS Image Capture¹, CVE Detection for BIOS¹, and BIOS Events and Indicators of Attack.^{1**}
- **Dell SafeID:** Only Dell¹ secures end user credentials in a dedicated security chip, keeping them hidden from malware that looks for and steals credentials.
- **Dell SafeSupply Chain:** Gain assurance that PCs are safe from the first boot with supply chain security solutions, such as Secured Component Verification, tamper-evident packaging and NIST-level hard drive wipes.

Built-on Security

Software protections for Dell and non-Dell devices alike

- **Dell SafeGuard and Response:** Prevent, detect, and respond to advanced malware and cyberattacks to stay productive and free from the disruption and churn an attack can cause.
- **Dell SafeData:** Protect sensitive data on device to help meet compliance regulations, and secure information in the cloud giving end users the freedom to safely collaborate.

¹ Based on Dell internal analysis, October 2024. Applicable to PCs on Intel processors. Not all features available with all PCs. Additional purchase required for some features. Validated by Principled Technologies. [A comparison of security features](#), April 2024.

* Please note that the customer takes custody upon delivery, and that the device has undergone the intake process and completed certificate validation at Customer (or VAR's) site within 30 days from the day of signature upon receipt of asset.

**SCV (on Cloud) and additional SafeBIOS capabilities require the Dell Trusted Device application, available for download at dell.com/support. Best deployed via [SupportAssist for Business](#).

Contact your dedicated Dell Endpoint Security Specialist today at global.security.sales@dell.com, for more information about the Dell solutions to help improve your security posture



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