

# Reducing the Pain of NIST-Based Compliance

What if Your Systems Could Automatically Assess Security Controls for You?



## Legacy Compliance Methods



## Next-Generation Security Compliance

**The process of collecting information tied to security compliance is a time-consuming, arduous endeavor.**

It's a never-ending loop of collecting data within an environment consisting of daily changes to software, configurations, processes, and personnel across an expansive, and many times ambiguous, set of security controls.

**Self-assessing software.**

We utilize a next-generation method that facilitates the gathering of 59% of the data required to effectively evaluate your security controls:

- **Automatically**
- **In real-time**
- **While continuously updating**

### Pains Associated with Security Compliance

- ⊘ **Labor Intensive:** Time-consuming collection of information
- ⊘ **Administrative:** Tremendous amount of manual documenting the status of controls
- ⊘ **Dated Information:** Information is dated the moment after it's collected as software, configurations, and users change daily
- ⊘ **Costly:** Non-compliance comes with costs, either through fines, loss of business, or the larger risk of security deficiencies, which nefarious actors can exploit

### Results?

- ✓ **Reduced Labor:** Realize up to a 59% decrease in time spent collecting evidence tied to security controls
- ✓ **Reduced Data Entry:** Automated systems-generated reporting replaces manual data entry by 59%
- ✓ **Real-Time Data:** Information is collected in real-time, reflecting changes in your tools, configurations, and personnel
- ✓ **Continuous Information Collection**
- ✓ **Reduced Costs:** Significant reduction in labor expense and risks associated with error-prone manual reviews

## How Does This Automatically Happen?

**SP6 and ASCERA have developed software that monitors NIST-based security controls by automatically pulling data that exists in your environment.**

Specifically, software tools in your organization, including firewalls, authentication software, applications, HR systems, etc., generate logs (data). These logs are machine generated, meaning the tools themselves – without human collection nor input – *are automatically tracking activity on all those systems*. This data, sometimes referred to as “digital exhaust,” is being generated, minute-by-minute, and **can be repurposed for security compliance**.

ASCERA has built next-generation compliance software whereby these logs are centrally collected, and then **examined across specific rule sets tied to the NIST 800-171 security controls (down to the objective level)**.

The result? **Many of the NIST security controls are automatically updated – in real time – and status is marked as compliant** or non-compliant and in need of remediation – all with little to no effort on your part.

Not all NIST controls can be automated. ASCERA has the ability to automate the assessment status of 59% of the NIST 800-171 controls – a significant reduction in what was previously manual and time-consuming evidence collection.

**Contact us today to benefit from next-generation compliance tracking!**