



SenTek Americas

*Vulnerability Analysis and
PCI DSS v3.2.1 Compliance*

Introduction

About SenTek

SenTek provides complete business solutions in Systems Integration, Next Generation Enterprise Solutions and Consulting Services for the Banking and Financial Services Industry.

The Challenge

SenTek within its PCI DSS v3.2.1 certification process required to perform trimestral internal and external vulnerability assessments in its productive and backup AWS cloud environments.



Best practices implementation based on **AWS Well-Architected Framework**, security pillar



PCI DSS v 3.2.1 requirements evaluation applicable to the cloud environment



Cloud **Vulnerability Assessment** and **remediation plan** implementation.

Solution

Vulnerability Assessment and PCI DSS v3.2.1 Compliance

By identifying and remediating all the security vulnerabilities, **Nub8** reduced the exploitation and exposition risk probability of all SenTek's cloud environment components and sensitive information. As well as, security controls were put in place following cloud provider's best practices. Security remediation and improvements applied over the cloud environment allowed SenTek to be in compliance with PCI DSS v3.2.1 standard and consequently obtain the PCI certification.

The Benefits

- ✓ Remediation of identified security vulnerabilities in AWS Cloud environment.
- ✓ Reduced exploitation and exposition risk probability of all SenTek's cloud environment components and sensitive information.
- ✓ SenTek is now PCI DSS v3.2.1 compliant and it is now certified.
- ✓ Timely and convenient support by [Nub8](#), to continuously improve and optimize cloud environments