



# PENETRATION TESTING SUMMARY

for Wallboard Display-US, LLC.

on Internet facing systems

Report ID: S2\_Wallboard\_Application\_Infra\_report\_220530\_V1

Report ID: S2\_Wallboard\_Application\_Infra\_reaudit\_report\_221222\_V1

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## 1. PENETRATION TESTING SUMMARY

Silent Signal LLC performed a security assessment on the Internet facing systems upon the request and approval of Wallboard Display-US, LLC. The assessment was done by the experts of Silent Signal LLC remotely in test and production environment.

The assessment was done from **May 17 till May 27, 2022**.

There was a reaudit by Silent Signal on **December 22th, 2022**

This was the first time when Silent Signal LLC performed a security assessment on the Internet facing systems.

The aim of the project was to identify as much security issues as possible while providing detailed documentation of the tasks done. The assessment was done following the principles of international methodologies.

The functions were tested with and without user access to determine, what kind and amount of information an external or an internal attacker can gather about the system, and whether it's possible to access sensitive information or initiate unauthorized transactions.

The aim of the security assessment:

- Wallboard Server Test - Black-box testing of publicly available services - External Infrastructure Test
- Wallboard Server Test - Black-box testing of publicly available services - Web Application Test
- Wallboard Server Test - Black-box testing through DMS - External Infrastructure Test
- Wallboard Server Test - Black-box testing through DMS - Web Application Test
- Wallboard Server Test - Gray-box testing of the management interface - Web Application Test
- Black-box testing of services.wallboard.info - External Infrastructure Test
- Black-box testing of services.wallboard.info - Web Application Test

The Gray-box test were executed with the following user accesses:

- Owner of Tenant 1
- Owner of Tenant 2

**During the security assessment Silent Signal LLC's experts identified no security vulnerabilities.**

All risk statements by Silent Signal LLC related to the Internet facing systems only apply to the current versions of the systems. Any system can become vulnerable due to modifications or technological developments.

Client: Wallboard Display-US, LLC.

2

Subject: Internet facing systems

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## 2. INTRODUCTION

Silent Signal LLC has been performing **IT security assessments** and related **consulting and training** since 2009. From 2021 we are providing information security consulting services to help our clients to ensuring relevant **legal compliance**, implementing **business continuity management** and improving **security awareness** level of employees. Providing high quality services for our customers is our top priority that is achieved by employing experts with several years of international experience and relevant certifications: [CISSP](#), [OSCP](#), [OSCE](#), [OSWP](#), [GOPEN](#), [GWAPT](#), [SISE](#), [ASFP](#), [CRTP](#), [eCPPT](#), [eWPT](#), [CISA](#), [CISM](#), [CRISC](#).

We are proud that our clients from **more than 20 countries** generally become returning partners who recognize that the high quality assessments, consulting and training significantly raises their information security levels. As a result, several international companies decided to **enter into framework contracts** with us.



During our projects we find success in securing the target system, network or application by providing high quality professional services based on comprehensive methodologies which are well tailored to the custom needs of the client. During the assessments, the following international best practices and methodologies are used:

- Open Information Systems Security Group – Information Systems Security Assessment Framework 0.2.1 (ISSAF)
- NIST Technical Guide to Information Security Testing and Assessment (SP800-115)
- Open Source Security Testing Methodology Manual (“OSSTMM”) v3;
- National Institute of Standards and Technology (“NIST”) SP 800-42;
- Open Web Application Security Project (“OWASP”);
- Penetration Testing Execution Standard (“PTES”);
- Payment Card Industry (“PCI”) Data Security Standard (“DSS”) Guidance: PCI Information Supplement: Penetration Testing Guidance v3.2 April 2016;
- Federal Risk and Authorization Management Program (“FedRAMP”): FedRAMP Penetration Test Guidance 1.0.1.

The **vulnerability research** performed by the experts of Silent Signal LLC regularly result in discovery and fix of previously unknown security flaws in the products of world-leading software companies.

Our basic goal is that as a result of our activity, corporations and organizations could manage the risks arising from using their IT infrastructure in an effective way, recognizing vulnerabilities whose exploitation could potentially threaten the attainment of business objectives in time.

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4

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