

# Product Security Bulletin

Important Information – Please Read and Keep



## Subject: SentrySuite™ – SQL Injection and Authenticated Remote Code Execution Vulnerabilities

Date: 2023-05-17 (last update)

Originator: Timo Kosig

### Background

Vyairé proactively communicates with our customers to inform them about cybersecurity issues to help healthcare delivery organizations identify and remediate potential cybersecurity risks.

This bulletin contains product security information and recommendations related to two cybersecurity vulnerabilities that Vyairé identified within its SentrySuite™ software.

### Response

#### Affected Vyairé Products

Vyairé has confirmed that the following versions of its SentrySuite™ software are affected by the vulnerabilities found:

- SentrySuite™ 3.20 (up to and including Maintenance Package 6)
- SentrySuite™ 3.10 (up to and including Maintenance Package 8)
- SentrySuite™ 3.0 (up to and including Maintenance Package 10)


Distribution: global distribution

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## Affected Product Components

Vyairé SentrySuite™ software offers two different deployment options, SentrySuite™ can either be deployed as a client-server application with a dedicated application backend server, or as a stand-alone application.

Please see the following table to identify which product components are affected depending on the chosen deployment scenario.

Deployment mode	Vulnerability	
	SQL Injection	Authenticated Remote Code Execution
Stand-alone	Only if connected to the network	Only if connected to the network
Client-server	Yes, only application backend server is affected, clients are not affected	Yes, only application backend server is affected, clients are not affected

## Vulnerability Details

### SQL Injection

The SentrySuite™ application backend server and SentrySuite™ installed as a stand-alone system are vulnerable to a SQL Injection attack. Vyairé Product Security has analyzed the vulnerability and has assigned the following CVSS score to this vulnerability:

CVSS: 8.3 (High) CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

### Authenticated Remote Code Execution

The SentrySuite™ application backend server and SentrySuite™ installed as a stand-alone system are vulnerable to an Authenticated Remote Code Execution attack. Vyairé Product Security has analyzed the vulnerability and has assigned the following CVSS score to this vulnerability:

CVSS: 8.2 (High) CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H


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## Mitigations & Compensating Controls

Vyairé recommends implementing the following mitigations and compensating controls to reduce risk associated with these vulnerabilities:

### For customers running SentrySuite™ 3.20 (up to and including Maintenance Package 6)

- Install SentrySuite™ 3.20 Maintenance Package 7 which fully remediates both vulnerabilities. Please contact your Vyairé field service representative or get in touch via the [Vyairé website](#) to schedule installation.

### For customers running SentrySuite™ 3.10 (up to and including Maintenance Package 8)

- Install SentrySuite™ 3.10 Maintenance Package 9 which fully remediates both vulnerabilities. Please contact your Vyairé field service representative or get in touch via the [Vyairé website](#) to schedule installation.

### For customers running SentrySuite™ 3.0 (up to and including Maintenance Package 10)

- Install SentrySuite™ 3.0 Maintenance Package 11 which fully remediates both vulnerabilities. Please contact your Vyairé field service representative or get in touch via the [Vyairé website](#) to schedule installation.


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## Generic controls that should be considered in all scenarios

The following generic controls are recommended by the document *Vyairé Product Security White Paper - SentrySuite™ 3.20 V1* which is available to all customers upon request:

- Ensure your data has been backed up and stored according to your individual process and that your disaster recovery procedures are in place.
- Update your anti-virus and malware protection, where available.

For product or site-specific concerns, contact your Vyairé service representative.

For more information on Vyairé's proactive approach to product security and vulnerability management, contact us at [productsecurity@vyaire.com](mailto:productsecurity@vyaire.com) or visit [www.vyaire.com/product-security](http://www.vyaire.com/product-security)

A handwritten signature in black ink, appearing to read "Timo Kosig".

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