



# SECURITY MEASURES

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[www.ifadash.com](http://www.ifadash.com)  
info@ifadash.com

# Security measures in place on ifaDASH

ifaDASH has been built with the security of every client's data and information in mind. This document will explain what those measures are, and how they impact the security of data.

## **No shared or multi-client databases**

Each ifaDASH client dashboard is designed and setup with their own specific database to ensure that no cross contamination of data between systems can occur.

## **No storage of client contact information**

To protect our clients and their direct client's sensitive information ifaDASH do not store any contact information other than clients' names. Any information stored is never shared or distributed outside of our client's organisation.

## **One-way encrypted passwords**

As is standard practice in the industry, all login passwords are one-way encrypted. ifaDASH checks all entered passwords are correct by encrypting every entry and seeing if they match.

## **Secure password requirements**

Not only within the ifaDASH system but on the database and server accounts there are password requirements in place to protect against brute force attacks. ifaDASH have limits in place so that if multiple failed attempts occur, the specific user will be blocked.

## **Two factor authentication (TFA)**

To add additional security, ifaDASH offers a two factor authentication option. ifaDASH allows each client to enforce TFA as a policy which will require all staff to not only enter their email and password, but also a code from a device they own.

## **Open-source framework**

ifaDASH is a bespoke software which has been fully built in house. It has been created on a popular open-source framework, which means that the core code is more secure and reliable due to anyone being able to see and suggest improvements. The core code on ifaDASH makes up around 20% of the entire code base.

## **Latest versions of underlying systems**

Like other technology applications, ifaDASH provides updates which are released for the coding languages, server software, core framework and other technology used to build cloud systems. With each update comes new features but also enhanced security measures. ifaDASH uses the latest stable version available across all its systems and technology.

## **Server attack protection systems**

Hackers use multiple different methods to find vulnerabilities in servers to gain access. To protect against this, ifaDASH carries out ongoing pro-active maintenance and security audits. Systems are also in place such as a firewall, brute force detection software and malware detection software.