

2.2.2.1.3 Security

[return to Network View](#)

A DIDO is focused on two elements of security:

Internet Security: intended to protect the data flowing through the network. A major part of the functionality of a DIDO is its distributed nature over the [internet](#) and trust that it processes valid and accurate transactions.

Internet Security is essential in establishing trust to its success. Internet security is a catch-all term for a very broad issue covering security for transactions made over the Internet. Generally, Internet security encompasses browser security, the security of data entered through a Web form, and overall [authentication](#) and protection of data sent via [Internet Protocol](#).¹⁾

Information Security: intended to protect the [confidentiality](#), integrity, and [availability](#) of the information contained within the DIDO network.

Information security (IS) is designed to protect the [Confidentiality, Integrity and Availability \(CIA Triad\)](#) of computer system data from those with malicious intentions.²⁾

Standards

Technical Standards

- [OMG: DDS Security \(DDS-SECURITY\)](#)

de facto Standards

- None at this time

Tools

- None at this time

¹⁾

Techopedia, "Techopedia Internet Security," 30 November 2017.
<https://www.techopedia.com/definition/23548/internet-security>

²⁾

Techopedia, "Information Security (IS)," 30 November 2017.
<https://www.techopedia.com/definition/10282/information-security-is>.

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