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# Genesys Security Deployment Guide

Protection of Data in Transit

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# Protection of Data in Transit

In addition to the protection of data where it resides, as described in [Protection of Data at Rest](#), data must also be protected when it is sent over communication channels.

Genesys provides the following security features to address data and service integrity:

- [Transport Layer Security \(TLS\)](#)
- [Federal Information Processing Standards \(FIPS\)](#)
- [Hypertext Transport Protocol Secure \(HTTPS\)](#)
- [Secure Real-Time Transport Protocol \(SRTP\)](#)
- Lightweight Directory Access Protocol Secure (LDAPS)—in Management Framework, this is implemented between Configuration Server and the External Authentication LDAP directory.

As a backup mechanism, passwords are also encrypted during transit.