



# Encryption & EtherHaul™ 7XX

This document lists all functions of the  
EtherHaul™ 7xx series involving encryption.

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Encryption is applied in several functions of the EH-7xx series, as listed in the table below.

| Function  | Protocol  | Algorithm | Notes                     |
|---|---|-----------|---------------------------|
| <b>WebGUI</b><br>Graphical user interface to manage the radio with an Internet browser, over an IP connection.                    | HTTPS with TLS  | AES       | Max key length = 256 bits |
| <b>CLI</b><br>Command line interface to manage the radio over an IP connection.   | SSH   | AES       | Max key length = 256 bits |
| <b>File transfer</b><br>Secured file transfer protocol between radio and server, over an IP connection.                           | SFTP  | AES       | Max key length = 256 bits |
| <b>SNMPv3</b><br>Secured management of radios, machine (EMS) to machine (radio), over an IP network.                              | SNMPv3  | AES       | Max key length = 128 bits |
| <b>Traffic encryption between radios</b><br>The traffic between the radio may be encrypted (requires SW license, and activation). | No protocol necessary between Siklu own radios.         | AES       | Max key length = 256 bits |
| <b>SW image</b><br>The SW image of the radio is signed and encrypted to prevent malicious SW updates.                             | No protocol necessary between Siklu radio and SW image. | AES       | Max key length = 256 bits |

All security functions and protocols are an integral part of Siklu EH-7xx series and their encryption capabilities cannot be changed or modified by the end-user. Siklu EH-7xx series have no restrictions in sales; these products may be supplied by all Siklu distributors and resellers, as well as by their partners, to enterprises or private persons, by mean of cash-, mail order-, electronic transactions- or telephone sale, etc.

All Siklu products are intended for installation by trained individuals without significant support from the vendor.

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