

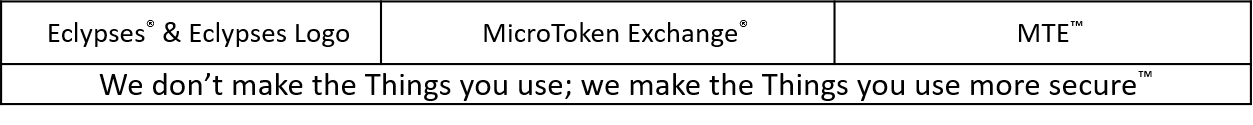
**MacOS – Update MTE Version and Swift Language Wrapper**

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Introduction

This document will assist in updating to the latest MTE version and Swift Language Wrapper. This document is current as of MTE version 1.5.0 but will undoubtedly need to be updated as new versions come along. Please make edits as appropriate.

Get Latest Version

1. From a Mac, navigate to http://courier-bld.eclypses.com/~courier/mte/Demo/
   1. Click mte-Darwin-x86\_64-R-Trial-FLEN-MKE-<version>.tar. to download.
   2. Copy and paste into a local folder, then extract it.
   3. Keep this extracted directory handy; you’ll need it shortly.

Update the MTE and Swift Language Wrapper

1. Pull the latest Dev code from source control
2. Open the project in Finder and navigate to the MTE directory
3. From the extracted latest version, copy and paste the ‘include’ and ‘lib’ directories into the Project MTE directory, replacing the existing ‘include’ and ‘lib’ directory, overwriting the existing files.
4. In the ‘lib’ directory, delete all but \*.teb, \*.ted and \*.tee libs
5. In src/swift/, copy and paste the latest files that match the existing project files, replacing the existing files. Currently
   1. Bridging-Header.swift
   2. MteBase.swift
   3. MteEnc.swift
   4. MteDec.swift
6. The other files in the MTE directory should be fine unless there have been changes requiring an update to them.
7. Clean build folder and then Build. This should reveal any issues caused by breaking changes. The ReleaseNotes.txt in the extracted latest version directory may help.

About ECLYPSES *\*(SUBJECT TO CHANGE)\**

Eclypses’ disruptive cybersecurity software replaces commands and/or data with MicroTokens. This technology provides the highest level of data privacy and security available today.

Applications include the securing of Command and Control, as well as Data in Transit to intelligent, connected devices, including those involving the Internet of Things, (IoT) and Industrial Internet of Things (IIOT). Specialized secure use cases include:

* Critical infrastructure

• Smart City Urban Intelligent Solutions

• Real Time Sensor Data

• Data Analytics on the Network Grid

* Health Care

• Patient Data

• Medical devices

• Data Integrity for Research & Development

* FinTech

• Mobile Banking

• Client Financial Data

• Real Time Marketing Data

* Government and Defense

• Unmanned Robotics & Aerospace

• Manufacturing robotics

• Unmanned Communications

Eclypses’ MicroToken Exchange (MTE) software facilitates compliance with the European Union’s **General Data Protection Regulation (GDPR).** In addition, Eclypses’ technology is certified as **Payment Card Industry Data Security Standard (PCI-DSS)** and **Health Insurance Portability and Accountability Act (HIPAA) compliant**.

In addition to MTE’s certified status, MTE has recently been penetration tested by H2L Solutions. H2L is one of the most trusted penetration companies that works closely with the DoD. Below is a commentary from their final report.

***“As the MTE Technology stands, the likeliness that the MTE technology will be victimized by a replay/reuse attack is highly improbable (H2L).”***



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