



# Email Encryption Training

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# Outline

- What is and why to use “Email Encryption”?
- How to send secure Emails?
  - ECube email encryption software
    - Download and Installation
    - Sending Encrypted Email ([Demonstration](#))
    - Reading Encrypted Email ([Demonstration](#))
- Questions



# What is Email Encryption?

- Encoding the email message in such a way that only the person knowing the ***Secret Key*** can read it.

## Why to use Email Encryption?

- Securely send Confidential information via Email
- Protect private data from malicious users
- Protect from organization monitoring your emails



# Sending Secure Emails

- Using “**Ecube Outlook Add-in**” (Open Source)

Adds its own email encryption functionality to Microsoft Outlook.

Please Install this software on your work computers.

***Approved by QUT ITS (Information Technology Services)***

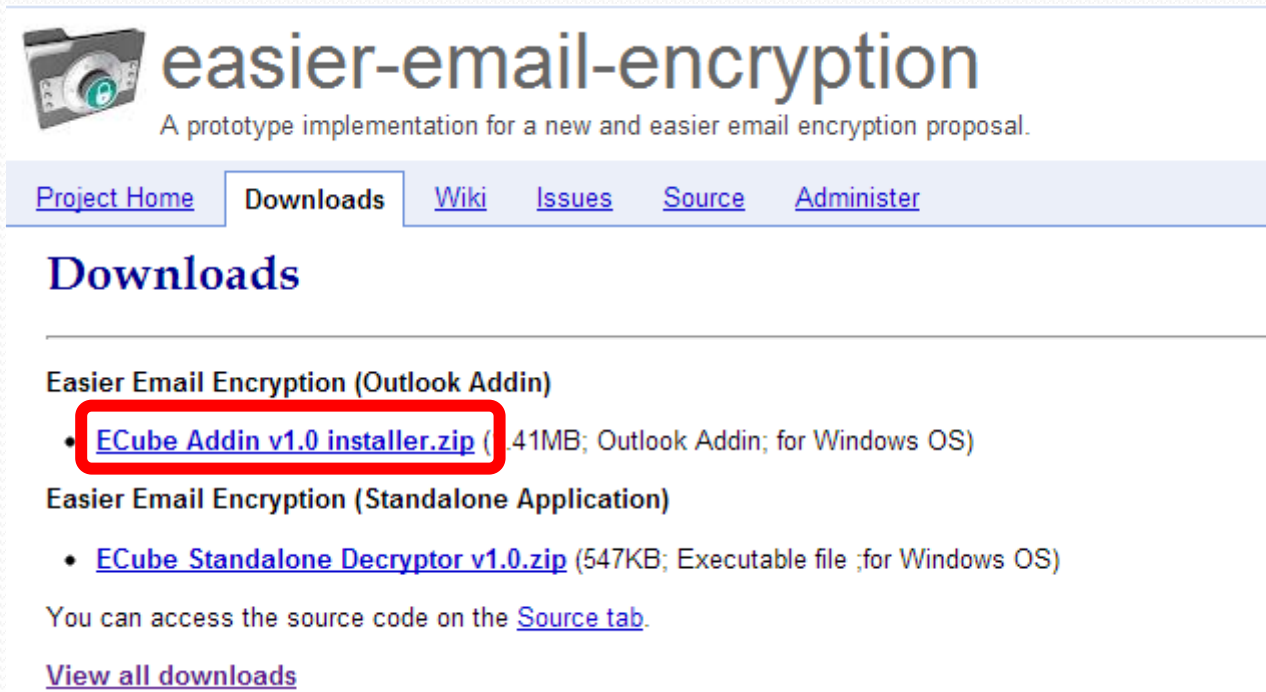


# Downloading the Software


Download ECube Outlook Add-in

Go to the following URL to download the software:

<http://code.google.com/p/easier-email-encryption/wiki/Downloads>



The screenshot shows the 'easier-email-encryption' project page on Google Code. The page has a header with the project name and a description: 'A prototype implementation for a new and easier email encryption proposal.' Below the header is a navigation bar with links: 'Project Home', 'Downloads', 'Wiki', 'Issues', 'Source', and 'Administer'. The 'Downloads' link is highlighted. The main content area is titled 'Downloads' and lists two categories of software: 'Easier Email Encryption (Outlook Addin)' and 'Easier Email Encryption (Standalone Application)'. Under the first category, there is a link to 'ECube Addin v1.0 installer.zip' (41MB; Outlook Addin; for Windows OS), which is highlighted with a red rectangle. Under the second category, there is a link to 'ECube Standalone Decryptor v1.0.zip' (547KB; Executable file ;for Windows OS). At the bottom, there is a link to 'View all downloads' and a note that source code can be accessed on the 'Source tab'.

 **easier-email-encryption**  
A prototype implementation for a new and easier email encryption proposal.

[Project Home](#) [Downloads](#) [Wiki](#) [Issues](#) [Source](#) [Administer](#)

## Downloads

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**Easier Email Encryption (Outlook Addin)**

- [ECube Addin v1.0 installer.zip](#) (41MB; Outlook Addin; for Windows OS)

**Easier Email Encryption (Standalone Application)**

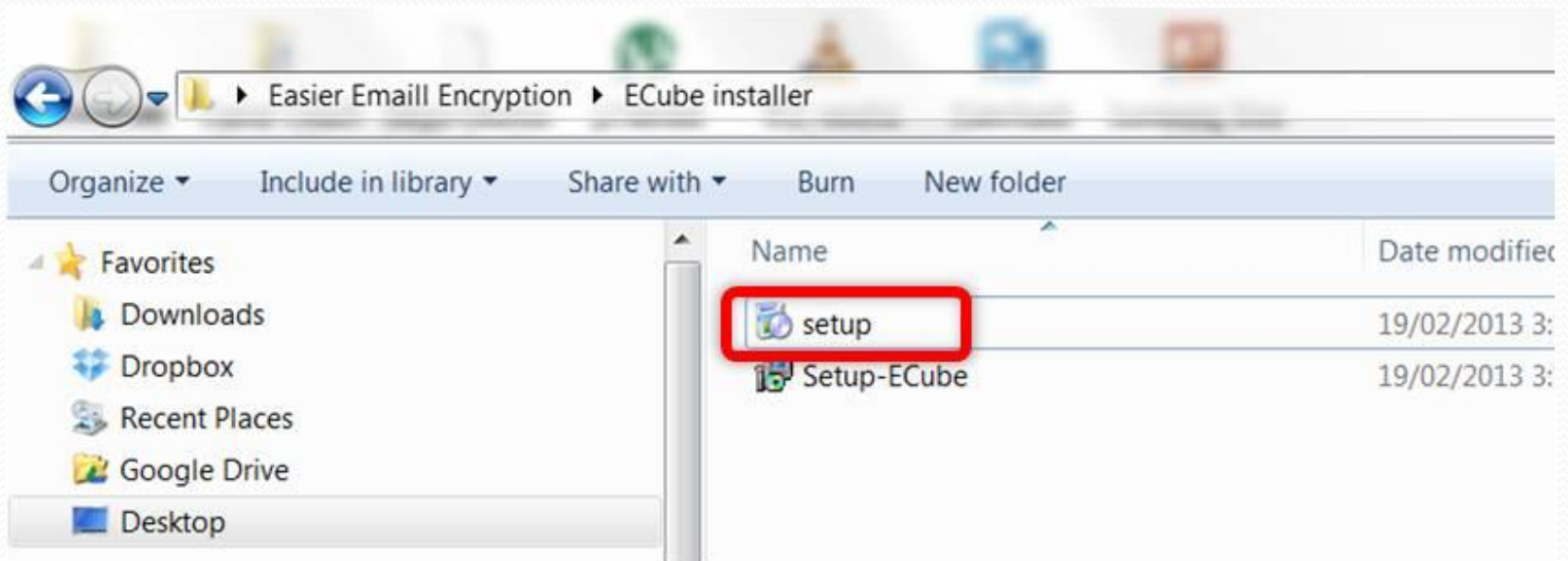
- [ECube Standalone Decryptor v1.0.zip](#) (547KB; Executable file ;for Windows OS)

You can access the source code on the [Source tab](#).

[View all downloads](#)

# Installing the Software

- Extract the contents of the ZIP file to a folder
- Open that folder and Run the “**Setup.exe**” (not “Setup-ECube.msi”)

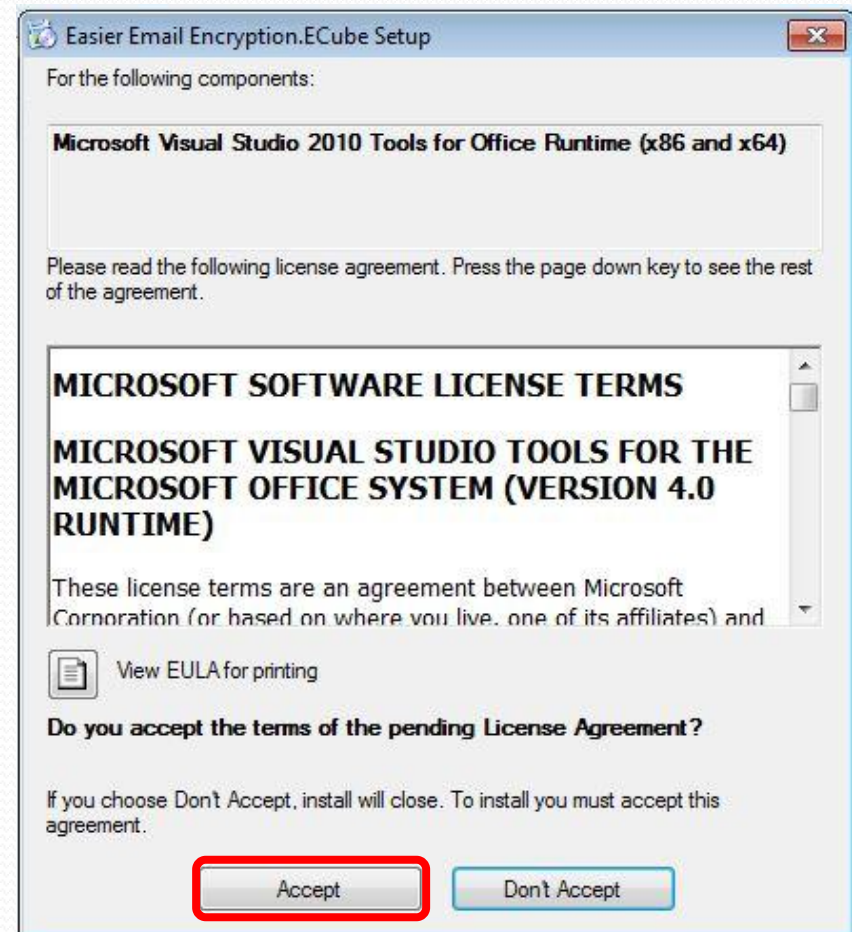


**NOTE:** Do NOT run the “Setup-ECube.msi” else the software won’t work.

*In case you used Setup-ECube.msi to install the addin, please uninstall it and reinstall using the “Setup.exe”.*

# Installing the Software

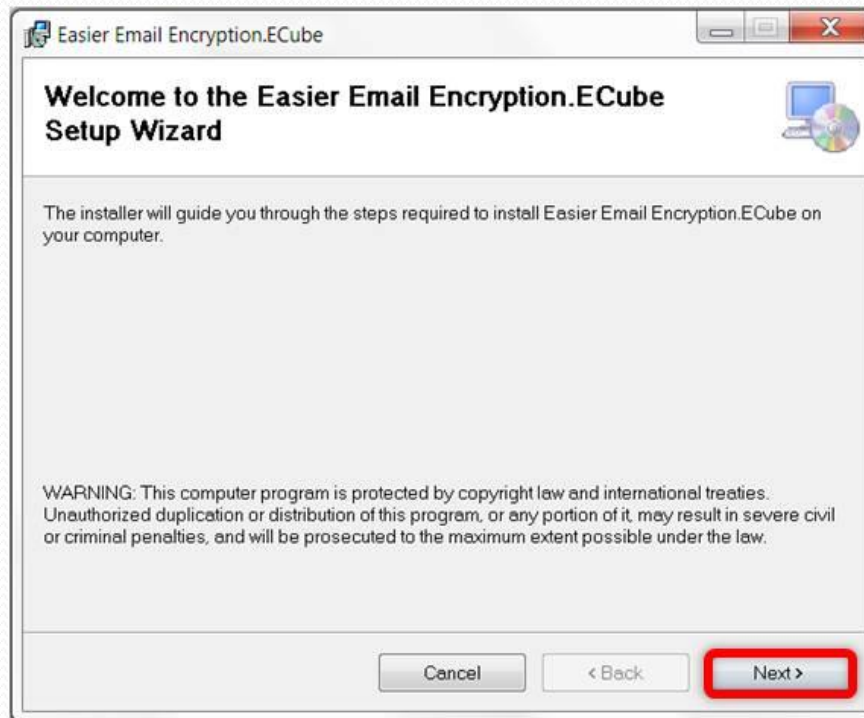
- **Checks for the necessary *prerequisites***, if something is missing it will download and install it automatically.
- Click the **Accept** button to download and install the prerequisites.





# Installing the Software

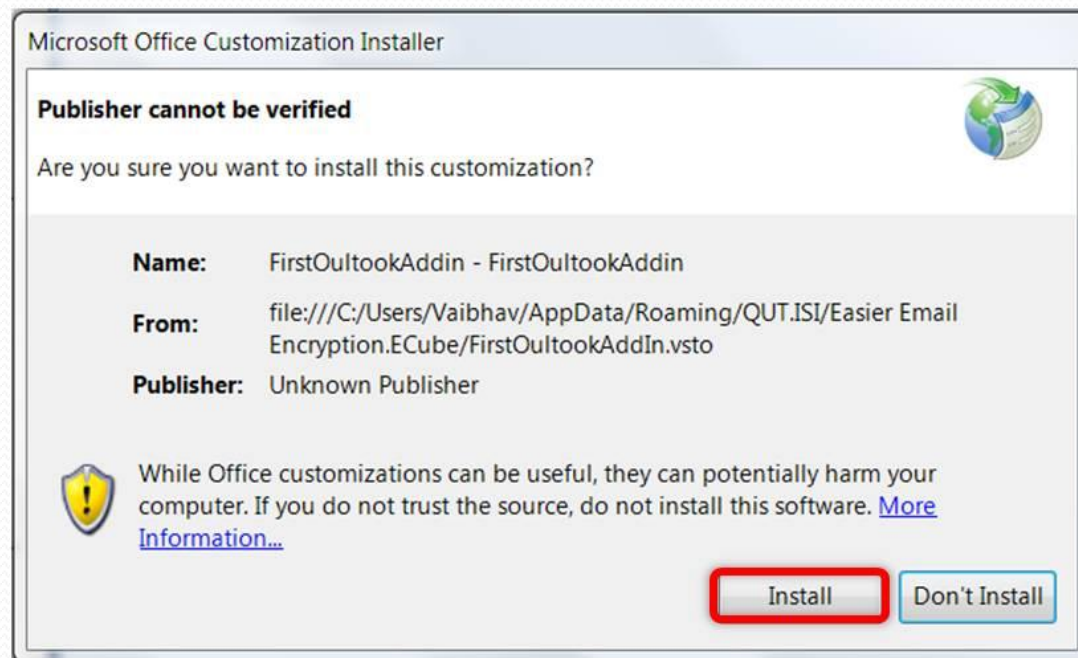
- Follow the setup procedure to complete the installation.
- **Next > Next > Install**





# Installing the Software

- Now Open / Restart (Exit and open outlook again) the **Microsoft Outlook** application.
- It will ask for the permissions to allow the add-in or not.
- Click on the “**Install**” button to complete the installation (only one time procedure)



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- Sending Encrypted Email  
&
  - Reading Encrypted Email

**Please Watch the Demo!**

# Questions

# ANY QUESTIONS?

