



LUCY Software: Changes since Version 3.6 to 4.3

- *Why?* A lot of (new) functionality is not noticed by the users
- LUCY Version 3.7 was the current release during LUCY Connect 2017 in October , since then
- Four major releases were deployed until today:
4.0 (3.8, 3.9, 4.0 merged), 4.1, 4.2, 4.3

Table of Contents

1.	People Testing Features and Enhancements.....	1
2.	Awareness Training Features and Enhancements.....	1
3.	User Engagement Features	1
4.	Infrastructure Assessment Features and Enhancements	2
5.	GUI, Stats, report and miscellaneous.....	2
6.	System specific new or changed components and functionality	3

1. People Testing Features and Enhancements

- 1) [Default campaign template](#) for even more efficient campaign creations (3.7)
- 2) Sending messages: CC, BCC and fake TO fields in messages (3.7)
- 3) [Gender-specific addressing](#) using variables (4.0)
- 4) [Digital signature](#) in phishing emails (4.1)
- 5) Add attachments to PDF. Filebased Attack using the pdf format including an executable attachment (4.3)
- 6) 315+ Attack templates and new languages like simplified Arabic, Chinese & Japanese

2. Awareness Training Features and Enhancements

1. A new [Enduser profile page](#), your personal learning and training (3.7)
2. [Authoring Toolkit](#) (4.0)
3. Option for awareness results overwriting (4.0)
4. [Reputation-Based eLearning](#) / 'Maturity Model' (4.0)
5. [Scorm export for Learning/Awareness Content](#) (4.0)
6. Attendance Certificate for successful training / Training Diploma (4.1)
7. [Full-featured LMS](#) incl. Advanced education portal for end users (4.3)
8. [Training library](#) support (4.3)
9. 180+ Training Templates containing 40+ Videos
10. Screen locker Template – send data to the server on execution (4.0)

3. User Engagement Features

- 1) New Windows Incident Plug-In (split versions x32 / x64) (3.6)
- 2) New [Gmail Incident](#) Plug-In (4.2)



- 3) [Office 365 Outlook](#) plugin (3.7)
- 4) [Outlook plugin improvements](#):
 - i) Custom subject, multiple recipients, additional headers (X-CI-Report) (3.7)
 - ii) Additional headers checkbox (4.0)
 - iii) Configuration interface (4.0)
 - iv) Custom image (4.0)
 - v) Localization support (4.0)
 - vi) Option to remove incident notification for emails generated by LUCY (4.0)
 - vii) Optional additional headers support (4.0)
 - viii) MS-Outlook / Office365© Incident Plugin improvements: configurable ribbon label, inline email forwarding options (4.1)
- 5) Email Risk Score / [Incident Auto Feedback](#) (4.0)
- 6) [Gmail phishing](#) button! (4.2)
- 7) Extended [Threat analysis](#) for end users: Now extended information is available for endusers including cahrts, etc. (4.3)
- 8) [Threat Mitigation](#) (4.0)

4. Infrastructure Assessment Features and Enhancements

- 1) [Risk Assessment Campaigns](#) (4.0)
- 2) [Mail and Web Filter Test](#) (Which file and message types 'go through?') (4.1) including CSV, PDF export of Mail & Web Filter Test results (4.3)
- 3) Mail spoofing test (4.2)

5. GUI, Stats, report and miscellaneous

- 1) [Widgets](#) on the Dashboard (4.0)
- 2) "[Stop All Campaigns](#)" button (makes patching easier) (3.7)
- 3) Custom logos in the campaign report. (3.7)
- 4) Add [comparison/benchmark charts](#) into the report (3.6)
- 5) Extended reporting options (3.6)
- 6) New [dashboard & new dashboard actions](#): It makes the handling much more straightforward, especially when you have a lot of campaigns running (3.7) or if you are a heavy user with lot of campaigns (4.0)
- 7) [Statistics: New real-time statistics overview](#) (4.0)
- 8) [Campaign Variables enhancements](#), including the use of variables in headers and subject line (4.0)
- 9) New [report template variables](#): You can put 'everything' into your Campaign reports! (3.7)
- 10) [API](#): Integrate your personal LUCY instance into your corporate infrastructure or enhance the functionality. It's a bidirectional Interface. (3.7)
- 11) [Track & monitor e-learning via API, dashboard or reports](#) (4.2)
- 12) Disable campaign checks option (3.7)
- 13) Ability to enable/disable recipients (4.0)
- 14) [Campaign export page](#) (4.0)



- 15) Download template dialogue: Search and sorting (4.0)
- 16) Improve additional groups in import (4.0)
- 17) [IP whitelist](#) message (4.0)
- 18) [LDAP filter](#) improvement (4.0)
- 19) Recipient groups selection in schedule rule (4.0)
- 20) [Scheduler randomization](#) (4.0) and improvements (4.1)
- 21) [User reputation in Lucy](#) (who is not the same as reputation based e-learning)
- 22) [User reputation report](#) (4.3)
- 23) Recommended email domains in templates (4.1)
- 24) [Export Recipient Groups](#) (4.1)
- 25) [Reports](#): Image placeholder (4.1)
- 26) More Whitelabeling: Change default name, copyright, logo, etc. (4.1)
- 27) [Labeling / Whitelisting](#) You can edit nearly all Text Messages or Labels (4.1)

6. System specific new or changed components and functionality

- 1) A new version of the active vulnerability detection feature based on own code, BeEF replaced (3.6)
- 2) Fake deletion (you won't accidentally delete anything) (3.6)
- 3) [Backups](#) speedup (3.6)
- 4) Backup of DB data (3.6)
- 5) AV/Firewall protection improvement (3.7)
- 6) [Recipient upload](#) improvement (3.7)
- 7) [Scheduler](#) improvements (3.7)
- 8) [Advanced Export Features](#) (4.0)
- 9) [Anonymous Mode](#): Stronger settings, no more reverts (4.0)
- 10) [Domain registration](#): New TLDs (4.0)
- 11) [Log Improvement](#) (login, logout, create/delete campaign/scenario (4.0)
- 12) [Predefined Campaign Templates](#) (4.0)
- 13) Multiple default campaign templates (4.0)
- 14) New Campaign Wizard (4.3)
- 15) Domain renewal option (4.1)
- 16) XML export support (4.1)
- 17) New SPF CHECK & MX Check (4.2)
- 18) [Postfix](#): support TLS for outgoing messages (4.2)
- 19) Automatic invoices when [buying credits](#) (4.2)
- 20) [2-Factor Authentication](#) for Lucy Users (4.3)
- 21) Disk usage tracking (4.3)
- 22) Block search engine networks from accessing Lucy (4.3)
- 23) Incident center with Filter, Search and Sort (4.3)
- 24) New [Docker](#) configuration (4.2)
- 25) The Software runs on [Debian Linux 9.5](#) (4.3)

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