

The following is a list of changes that are part of ELMS hotfix roll-out – v4.3.1.

This product update is scheduled to be rolled out to all systems on **Wednesday April 16th**.

Please note there will be no downtime experienced as a result of this update.

New Product Features / Enhancements

1) Integrated User Verification

- Support sending different department for each user ONLY if the campus is using e-academy's standard IUV API. If you are not sure about which IUV model you are currently using, please contact your Account Manager [\[Michelle Fiander\]](#).
- Changes to the look & feel and content of the Integrated User Verification admin page. These have just been spruced up a bit for better readability.
- A new link has been added with the most up-to-date version of our API document.
- However, the most notable difference on this page is that a campus does not need to enter a "Department". For our standard API, department is an optional field. If a campus does not require departmental eligibility OR does not send a department to our CGI connector, the system will default the user to a department called "Department". The default department name cannot be changed so that this new functionality is backwards compatible with our current customers.

2) RPEG - Java Agent

- Support for file sizes beyond 2GB.

Product Fixes

1) RPEG Administrator

- New error message - displayed when an administrator configures digital content pointing to a file that does not exist on the RPEG server, indicating that the file could not be found.
- New alert/warning - when creating digital content with spaces in the file name. Note that not all browsers support downloading files with a space in the name. ELMS will allow you to save the filename as-is, but recommendation is to have no spaces in the file name.
- Validation on Digital Content size field is performed to only allow numeric values.

2) Downloading an RPEG file

- Download link will only show up if the order has been approved.
- If file name contains a space, the spaces are replaced with underscores so that the user can download the file.
- Maximum number of downloads now reflects the correct value.
- If a user is using Internet Explorer to initiate a download greater than 2GB, an error message will be displayed telling the user that IE has a limitation of 2GB and that we recommend using Firefox to download the file.
- Multiple downloads will not cause a connection drop or failure.

3) Miscellaneous RPEG items

- Cancelling a transaction (through My Software) or rejecting a transaction (through Order Approvals) with an RPEG deliverable has been fixed.
- Corrected typos in error messages.
- If email notifications have been set up for the purchase of an RPEG deliverable, this email is now being sent.

4) Integrated User Verification

- Field validation added to the list of Campus CGI Server IP(s). It now validates an IP against what a "real" IP should look like.

5) .Net Agent

- Faster transfers – optimizes download speeds to the user's connection type (i.e. optimized for dial-up versus LAN/Cable).
- Event logging has been fixed to allow proper permissions for the .Net Agent to talk to the Windows Event Logger.
- Improved Event Log messaging.
- New web application installer with GUI to allow new and/or upgrade installations.
- Improved garbage collection and download connection cleanup.
- Improved handling of cancelled or error-out transfers.
- Improved handling of erroneous xml from ELMS.
- No longer causes Rapid-Fail protection.
- Improved memory allocation and connection cleanup to reduce server overhead (memory leaks).
- The "doTest" page now checks:
 - RPEG Agent status
 - RPEG Agent Version installed
 - Event logging status

Should you have any questions about any of these updates, please do not hesitate to contact us at systems@e-academy.com.