

# Rapid Review

## Overview of Version 4.0 Updates

Cadmus will soon be celebrating the 10-year anniversary of Rapid Review. With this we are making significant enhancements to the peer review system, which will be deployed in June 2010 as release 4.0.

With Rapid Review 4.0, Cadmus is planning to significantly improve the user experience without disrupting the existing data structure and core workflow requirements. The development of Rapid Review 4.0 is comprised of several key components:

### INFRASTRUCTURE UPGRADES AND ENHANCEMENTS

Cadmus has been working to completely revamp both the hardware and application infrastructure for Rapid Review. The design of the system is being done in a manner which allows for easy upgrades of the infrastructure as the load on the system increases. The upgrades consist of the following:

- Hardware Upgrades
  - Key components of the Rapid Review infrastructure have been replaced, including: data room reconstruction, new HVAC, new monitored power systems, new database and file storage servers
  - Acquired new hardware to replace the entire server suite for Rapid Review, for deployment with Rapid Review 4.0.
- Software Updates
  - Web systems will be upgraded
  - New PDF conversion tool. When integrated, it will significantly improve the efficiency of conversions, as well as the number of file types and applications which can be supported.
  - New report generation engine to allow enhanced reporting capabilities

This new infrastructure will eliminate residual downtime with Rapid Review and will improve overall system responsiveness. The addition of the core software

components will allow us to add considerable functionality to the system.

### CORE SYSTEMS REWRITES AND FUNCTIONAL ENHANCEMENTS

- New Submission Interface: The author submission interface of Rapid Review is being redesigned. Features include uploading files earlier in the process and the collection of optional disclosure information (i.e., Copyright, Conflict of Interest, Funding, etc.).
- Configuration Options: Provide configuration ability to Journal Administrators to update author submission questions, reviewer form questions, and to merge user accounts.
- Publish Ahead of Print Support: Preliminary work being included to facilitate the export of Publish Ahead of Print deliveries to HighWire and other content aggregators.
- New Reports Engine: Enriched reporting capabilities, query template saving, and automatic generation and distribution of pre-set reports.
  - Enhance Exports: Export Data will be modified to create a streamlined user experience (i.e., no empty \*.txt files). Users will be able to save and schedule queries for delivery via email.
  - Improve Spam Filtering Countermeasures: The Rapid Review e-mail generation process will be modified to minimize spam filtering by external mail servers. The upgrade will include SPF compliance for e-mail as well as other technologies to prevent spam filtering by mail servers when generated from Rapid Review.
  - Integration Engine: A configurable integration engine will allow for rapid integrations with third party systems.

### PROGRESS UPDATES

During the full cycle of Rapid Review 4.0 development you will be provided with periodic updates of progress against the above milestones.

KNOWLEDGEWORKS

MEDIAWORKS

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