

## Nature Publishing Group Implements RSuite as Part of its Content Management Strategy

### BACKGROUND

Nature Publishing Group (NPG) is a publisher of high impact scientific and medical information in print and online, including Nature and Scientific American. NPG publishes journals, online databases and services across the life, physical, chemical and applied sciences and clinical medicine. NPG needed to replace several legacy production systems while still being able to leverage the investment in existing tools including MarkLogic Server. Automation of manual workflows was a key business goal as this would facilitate scalable online journal production without associated increase in resource requirements.

### SOLUTION

NPG selected RSuite to serve as part of its content management system and implemented RSuite along with complementary technologies. NPG's Internal Systems Development group installed and configured the system to streamline editorial and production workflow for its "Nature Reviews" series of journals. RSuite's workflow capabilities were configured to automate content production and enable the production of these journals with far fewer points of human intervention. The system was first implemented on a test and development server while working with editorial and production staff to identify processes to be automated such as DTD validation, uploading files, running build processes, creating Table of Contents (ToCs), notifying editorial staff of content in need of review, and pushing the reviewed files live.

*Using RSuite enables NPG to streamline and automate the production of online article content. Now our journal publication list is scalable without depending on additional staff and training.*

- Anthony Barrera  
Head of Internal Systems Development  
Nature Publishing Group

### RESULT

Based on a series of business rules, RSuite's workflow engine classifies articles that are ready for publication. RSuite pushes NPG's journal content to its live web site on a rolling basis. Implementing RSuite enables NPG to:

- automate content production and apply automation wherever possible
- add new journals into publication schedule without adding new staff
- re-use media assets across titles
- consolidate multiple content-centric solutions
- leverage investment in MarkLogic Server