



Ideas. Delivered.

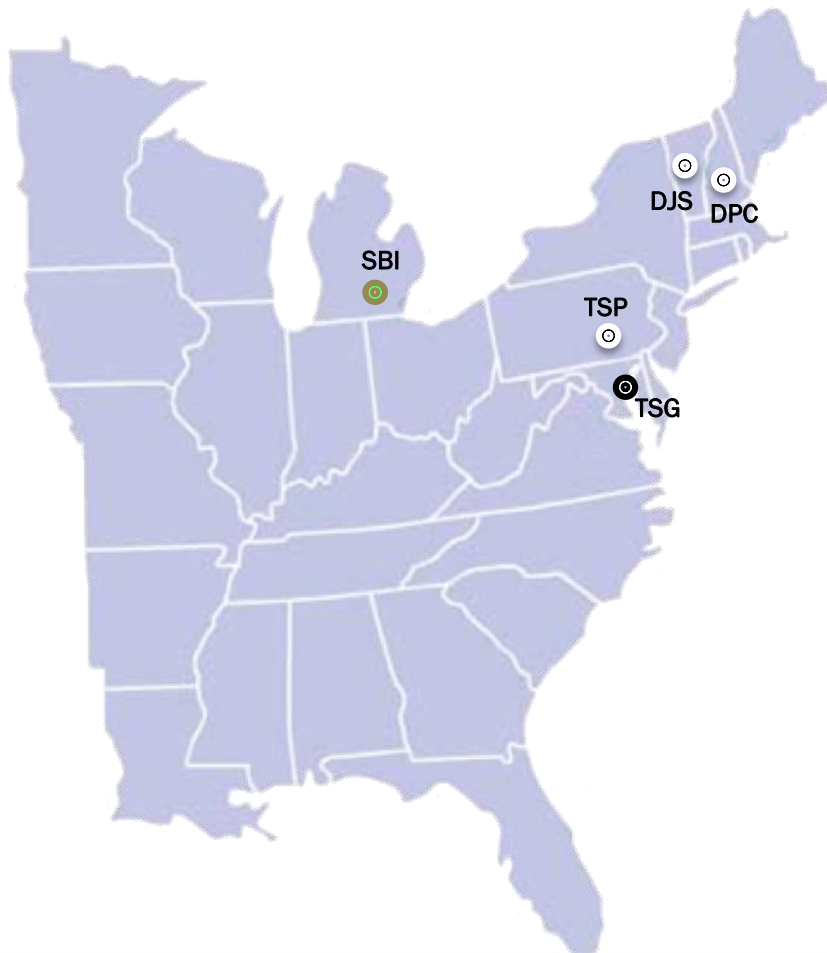
ArticleExpress

Designing and Building a Cloud-Based, Collaborative Proof Review
and Editing System, including Integration of Inera's Edifix

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The Sheridan Group Companies



The Sheridan Group (TSG)

Hunt Valley, MD

Dartmouth Journal Services (DJS)

Waterbury, Vermont

Dartmouth Printing Company (DPC)

Hanover, New Hampshire

The Sheridan Press (TSP)

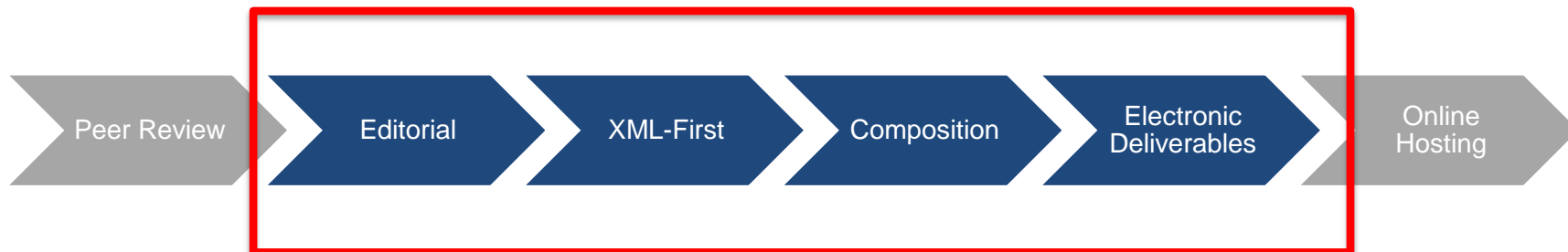
Hanover, Pennsylvania

Sheridan Books (SBI)

Ann Arbor and Chelsea, Michigan

Dartmouth Journal Services

Dartmouth Journal Services is focused on providing value-added publishing services and technology development for medium to large society, association, and university press publishers.



ArticleExpress

- **HTML-based** proof review and **editing environment** for use by authors, editors and publishers
- Granular **change tracking system** for tracking simple to complex changes, with accept and reject capability
- **Collaboration** feature for sharing and managing the sequential review and editing by multiple co-authors
- **Validating XML editor** with advanced tools for managing the insertion or editing of highly structured elements
- **Automated XML-based composition system**

ArticleExpress

The screenshot displays the Sheridan ArticleExpress web interface. At the top, the logo "Sheridan ArticleExpress" is on the left, and "Welcome, Mike Hepp" is on the right. Below the logo, there are tabs for "Editor", "Review", and "Collaboration". A navigation bar at the top right includes "Help", "Download PDF", and "Logout".

The main content area shows a manuscript titled "Autoinhibition of the kinesin-2 motor KIF17 via dual intramolecular mechanisms". Below the title, it lists the authors: Jennetta W. Hammond, T. Lynne Blasius, Virupakshi Soppina, Dawen Cai, and Kristen J. Verhey. The abstract follows, describing the role of kinesin and dynein motors in long-distance transport and the specific mechanism of KIF17 autoinhibition.

On the right side, there is a "NAVIGATE THIS ARTICLE" section with a table of contents including Title, Abstract, Introduction, Results, Discussion, Materials and methods, Acknowledgments, and References. Below this is a "Supplemental Data Section" with links for AUTHOR QUERIES (0 of 4 Answered), FIGURES, TABLES, COMMENTS, FILE ATTACHMENT, and TUTORIALS.

At the bottom right, there are buttons for "Accept Edits", "Save", and "Submit", along with a link "Why can't I submit?".

Cloud-Hosting

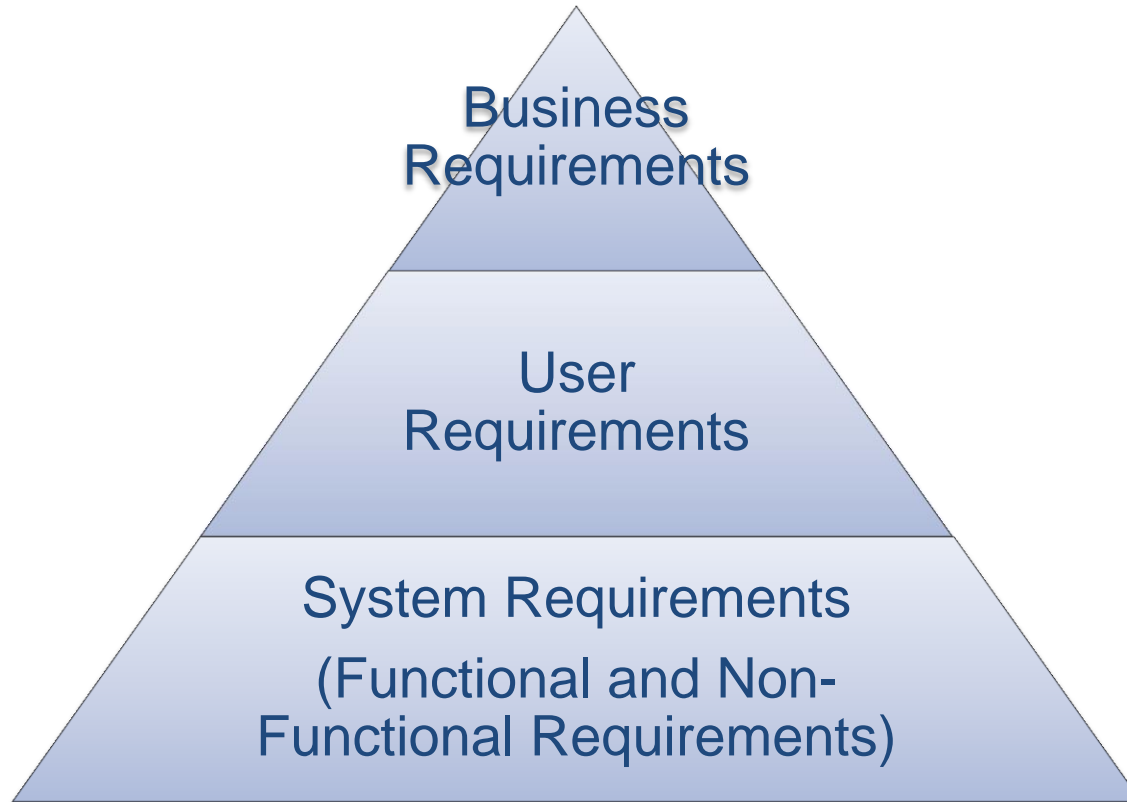


- **Reliability**
- **Scalability**
- **Simplicity**
- **Cost Control**

Challenges



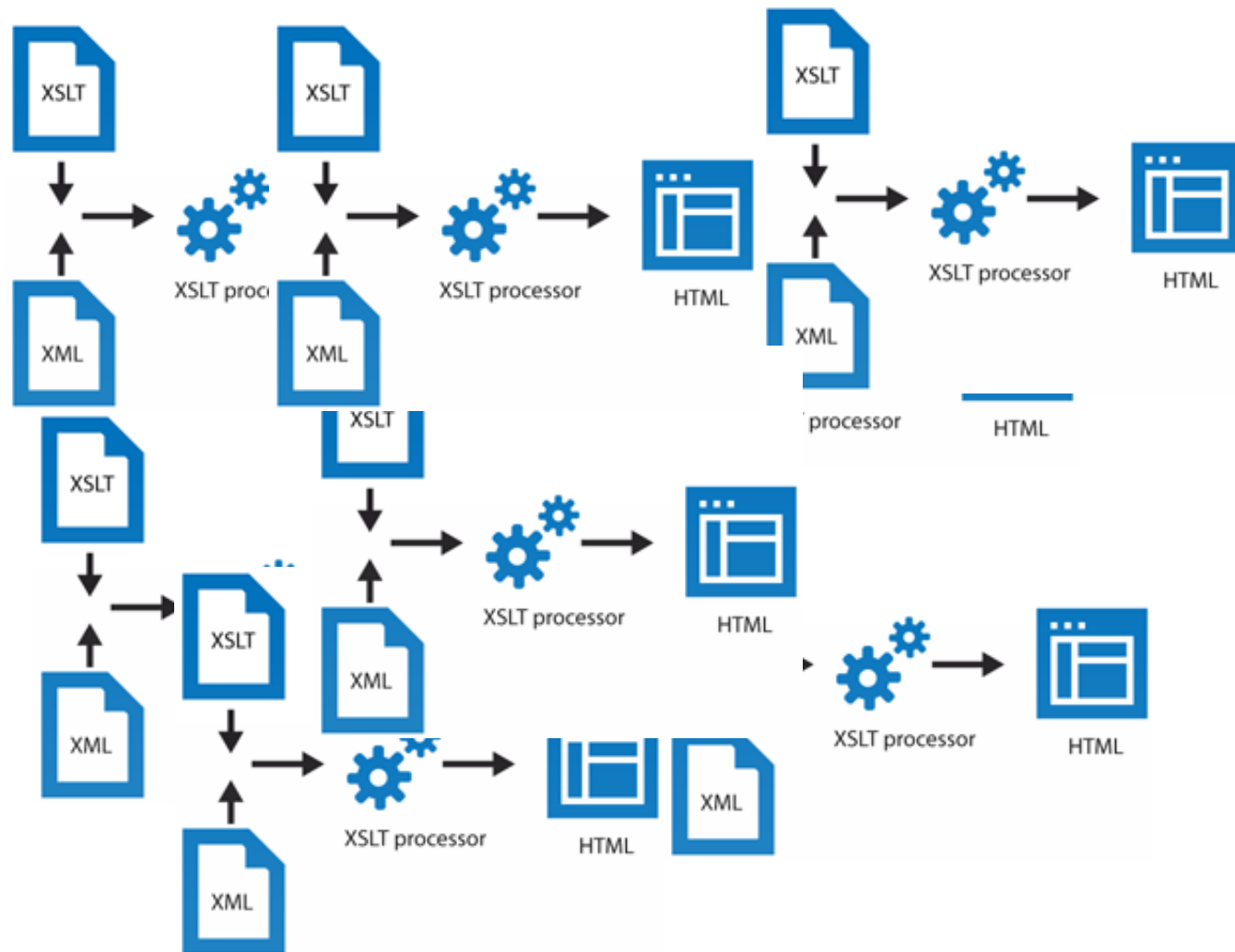
Performance



Functional Requirements = What the system does

Non-Functional Requirements (NFRs) = How well the system does it

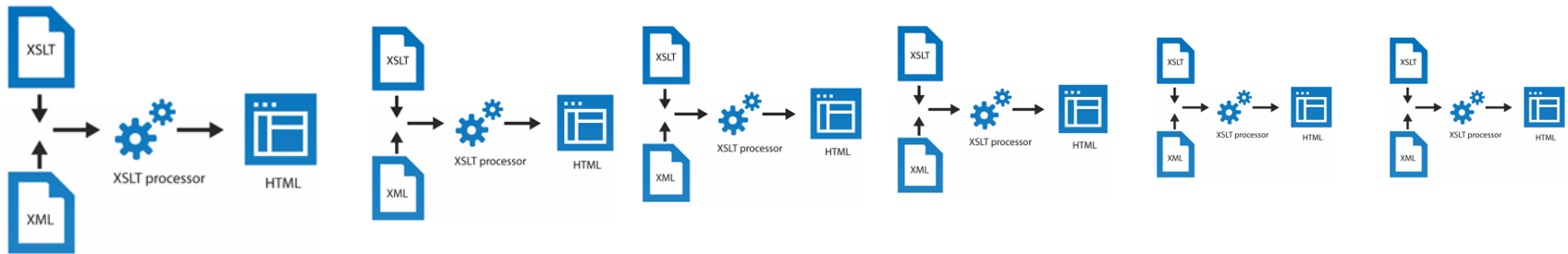
Performance



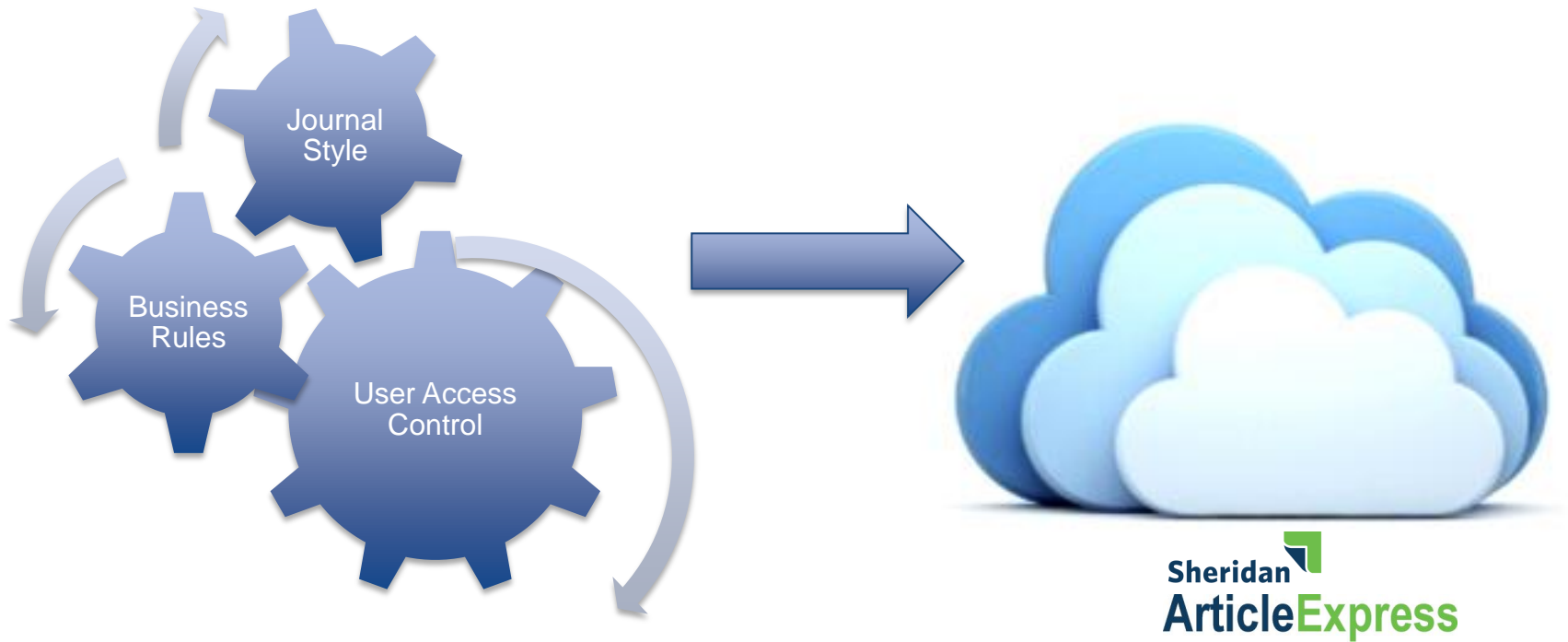
Performance



Performance



Configuration



Configuration Package

Integration



Sheridan
ArticleExpress

SDL | Xopus

Typéfi
typefi.com

 **Design
Science**
How Science Communicates™

PublMed

edifix

Integration with Edifix



Questions?

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