

SPIE. DIGITAL LIBRARY

Migration Planning Guide for Institutions

**Migration from Silverchair SCM6 Platform
to
New SPIE Digital Library Platform**

Migration date: August 15, 2017

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WHAT'S CHANGING...AND WHEN?

The SPIE Digital Library is migrating from Silverchair Information Systems' SCM6 platform to a new proprietary platform that has been developed in-house. **The new platform is expected to launch on August 15, 2017**; if you are the SPIE Digital Library administrator at a subscribing institution, you will receive emails to let you know the exact launch time as it nears. General information about the launch is here: <http://www.spie.org/NewDLL>

Our goal for this transition is to offer an enhanced experience on a platform that will improve the user experience for your researchers, faculty, and students. Features of the new platform include improved search functionality, expanded taxonomy, full text HTML proceedings and eBooks, enhanced presentation videos from SPIE conferences, and a mobile friendly design.

We anticipate a smooth migration to the new platform, and provide the information below to help you prepare for this change. This migration planning guide is meant to minimize the effort as well as any disruption in service for library administrators and end-users in this transition. Please review this document carefully so you are prepared.

- The URL that you may use to preview the new site is: <https://preview.spiedigitallibrary.org> (This will exist only until we launch the live site.)
- The URL of the live site will be: <https://www.spiedigitallibrary.org>

MIGRATION ACTION ITEMS FOR LIBRARY ADMINISTRATORS

IP-based authentication

Your institution's access via your registered IPs should be uninterrupted once the new site goes live. If you wish to update your IP addresses, please contact SPIE Digital Library Support at spiedlsupport@spie.org.

Blind login or username/password authentication

If your institution uses the blind login or username/password authentication methods, we will contact you directly to ensure that your institution is properly configured to enable access on the new platform. Please watch your email for instructions in late July 2017.

Shibboleth

If you have already provided us with your Shibboleth credentials and you are now using Shibboleth authentication, no action is necessary. The following two Shibboleth federations will continue to be supported: UK Access Management Federation for Education and Research and DFN-AAI (Germany). Additional federations will be supported in the future; a benefit of our new platform is that it allows us to expand our supported federations. Please contact SPIE Digital Library Support at spiedlsupport@spie.org if you have questions about Shibboleth authentication for your institution.

URLs, proxy servers, and firewalls

If your institutional authentication system uses a firewall/proxy server that contains specific entries for approved websites and their specific IP addresses, you will need to update those entries at the time of migration.

The main SPIE Digital Library domain will remain the same: spiedigitallibrary.org. The new platform uses secure http, so the new URL will be: <https://www.spiedigitallibrary.org>

The IP address of the new site will be: 107.154.251.12

New subdomains have been created for each publication type's landing page and each journal's page (see table below). Permanent redirects will be in place to ensure that links to the legacy URLs resolve to the new pages correctly. **Note that the URLs will not resolve to the new site until the date and time of migration.**

Key SPIE Digital Library Pages	New Site URL
SPIE Proceedings landing page	https://www.spiedigitallibrary.org/conference-proceedings-of-spie
SPIE eBooks landing page	https://www.spiedigitallibrary.org/ebooks
SPIE Journals landing page	https://www.spiedigitallibrary.org/journals
Journal of Applied Remote Sensing	https://www.spiedigitallibrary.org/journals/Journal-of-Applied-Remote-Sensing
Journal of Astronomical Telescopes, Instruments, and Systems	https://www.spiedigitallibrary.org/journals/Journal-of-Astronomical-Telescopes-Instruments-and-Systems
Journal of Biomedical Optics	https://www.spiedigitallibrary.org/journals/Journal-of-Biomedical-Optics
Journal of Electronic Imaging	https://www.spiedigitallibrary.org/journals/Journal-of-Electronic-Imaging
Journal of Medical Imaging	https://www.spiedigitallibrary.org/journals/Journal-of-Medical-Imaging
Journal of Micro/Nanolithography, MEMS, and MOEMS	https://www.spiedigitallibrary.org/journals/journal-of-micro-nanolithography-mems-and-moems
Journal of Nanophotonics	https://www.spiedigitallibrary.org/journals/Journal-of-Nanophotonics
Journal of Photonics for Energy	https://www.spiedigitallibrary.org/journals/Journal-of-Photonics-for-Energy
Neurophotonics	https://www.spiedigitallibrary.org/journals/Neurophotonics
Optical Engineering	https://www.spiedigitallibrary.org/journals/optical-engineering

Individual SPIE eBooks use the DOI as the primary element in the URL for the eBook; that DOI will not change with the migration to the new SPIE Digital Library platform, so URLs for SPIE eBooks will be unaffected by our platform change.

For individual SPIE Conference Proceedings volumes, the link syntax will change to: [https://www.spiedigitallibrary.org/conference-proceedings-of-SPIE/\[volume number\].toc](https://www.spiedigitallibrary.org/conference-proceedings-of-SPIE/[volume number].toc). For example, for volume 10329, the URL will change from <http://proceedings.spiedigitallibrary.org/volume.aspx?volume=10329> to <https://www.spiedigitallibrary.org/conference-proceedings-of-SPIE/10329.toc>. As with journals, permanent redirects will be in place to ensure that links to the legacy URLs resolve to the new volume-level pages correctly.

OCLC EZProxy configuration

The EZProxy database definition for the new SPIE Digital Library is:

Title SPIE Digital Library
URL <https://www.spiedigitallibrary.org>
HJ www.spiedigitallibrary.org
HJ datacoll.spie.org
HJ login.spie.org
DJ spiedigitallibrary.org
DJ spie.org

Note that the above will not work until our new site is live in production. If you wish to test proxied access to our preview site, add this to your configuration:

Title Preview SPIE Digital Library
URL <https://preview.spiedigitallibrary.org>
HJ preview.spiedigitallibrary.org
HJ datacoll.spie.org
HJ login.spie.org
DJ spiedigitallibrary.org
DJ spie.org

Please note that the new site uses secure http (<https://>). In order for EZproxy to give remote users access to resources with secure URLs, you must obtain, install, and configure an SSL Certificate (if you have not done so already for other secure resources). For more information, see EZProxy's documentation [here](#).

OpenURL linking

SPIE Digital Library supports outbound linking to your link resolver. When outbound linking is configured, a link is provided in the References tab of an article or chapter that takes the end user to the link resolver's result page for the reference being cited. If you have already set up outbound linking from SPIE Digital Library to your link resolver, there is no action you need to take. If you have not previously set up outbound linking, please contact SPIE Digital Library Support at spiedsupport@spie.org and provide the link resolver's base URL, the link text, and the image (maximum image dimensions are 150px wide x 30px high, and the maximum file size is 5KB.)

For inbound linking, SPIE Digital Library supports OpenURL at the journal article, proceeding article, and book chapter level. SPIE maintains a file of metadata for the resources in the SPIE Digital Library and works directly with link resolver vendors such as Ex Libris and Serials Solutions to provide them with this information. SPIE has communicated with these vendors and is providing the necessary information about the forthcoming changes to them. If you work with another linking service with whom SPIE should communicate, please contact SPIE Digital Library Support at spiedsupport@spie.org as soon as possible.

Permanent redirects

Permanent redirects will be in place for pages that have a new URL to ensure that links and bookmarks to those pages resolve correctly. If a link cannot be resolved to a specific page, the redirect will point to the SPIE Digital Library homepage.

DOI links

We support the DOI syntax for proceeding articles, journal articles, and book chapters. The forthcoming site and URL changes are being provided to CrossRef. DOI links will resolve to the correct target pages on the new site within a week of the launch.

Library administration

The new SPIE Digital Library platform includes an Institutional Administration module that will replace the legacy platform's administrative interface, [SiteMaster](#). Users with administrative rights can access this module by logging in to the new SPIE Digital Library using their personal account, and then navigating to My Account > Institutional Administration. There, administrators can view their account and subscription information, download COUNTER reports, find SUSHI credentials, and review any access suspensions. Please contact spiedlsupport@spie.org to update your IP addresses or update your Administrative contact information.

COUNTER reports and SUSHI harvesting

The new SPIE Digital Library platform is compliant with the current COUNTER 4 standards.

To access COUNTER reports, please note that the legacy administration tool called [SiteMaster](#) will no longer exist once we migrate to the new platform. Instead, there will be a new Institutional Administration tool in the new site. (The institutional administrator can access this by logging in to the new SPIE Digital Library and navigating to My Account > Institutional Administration.)

COUNTER reports will be available in the new Institutional Administration tool dating back to January 2013. For older reports, you are encouraged to download your pre-migration usage statistics from [SiteMaster](#) prior to migration, to ensure that these reports are available to your institution.

If your institution uses a SUSHI tool to harvest COUNTER reports, you will need to update the tool's settings once the new SPIE Digital Library is in production. You will no longer use SiteMaster's SUSHI service URL (<http://sushi.silverchair.com/SUSHIservice.svc?wsdl>) and credentials. Instead, you will use our new platform's SUSHI service URL (<http://sushi4.scholarlyiq.com/SushiService.svc?wsdl>) and you will find your new credentials by logging in to the new SPIE Digital Library and navigating to My Account > Institutional Administration > COUNTER Reports, then clicking the link to information about our SUSHI server. A popup will appear with the SUSHI service URL and your institution's Requestor ID and Customer ID.

Subscriptions to SPIE journals and eBooks

The information provided in this migration guide applies to institutions with standalone subscriptions to SPIE journals and SPIE eBooks as well as those with subscriptions to the full SPIE Digital Library. Each journal will continue to have its own homepage. You may wish to create links to the new homepages for these publications using the URL structure provided in the table above.

MARC records

The MARC records for SPIE eBooks use the Digital Object Identifier (DOI) for each book as the primary element in the URL for the eBook. That DOI will not change with the migration to the new SPIE Digital Library platform, so SPIE eBooks subscribers will not need to make any changes to their MARC records obtained from either SPIE or OCLC.

The MARC records for *Proceedings of SPIE* and for SPIE journals that OCLC provides use a URL syntax that does not include DOIs. The URL for each of these publications will have a permanent redirect to that publication on the new platform. You will not need to modify these MARC records. Future MARC records will have the URL syntax for the new platform.

ANSWERS TO OTHER IMPORTANT QUESTIONS

Will users still be able to access SPIE Digital Library content on the Silverchair platform once the content is live on the new platform?

No. Access to all SPIE Digital Library content will solely be available on the new platform – we will not be parallel hosting the SPIE Digital Library on both the new platform and on the Silverchair platform.

How do I update my institution's IP addresses after launch?

IP address changes will continue to be administered by SPIE Digital Library staff. IP address changes should be emailed to SPIE Digital Library Support at spiedlsupport@spie.org.

How do I update the administrator contact information on my account or change my administrator password after launch?

Changes to library administrator assignment or updates to administrator contact information should be emailed to SPIE Digital Library Support at spiedlsupport@spie.org. Administrators will be able to change their personal username/password via the website like any individual user by signing in to their account at spie.org.

What will happen to links to resources in my library systems, such as link resolvers, OPAC records, or links to the SPIE Digital Library from my library's website?

Wherever there is change in a URL from the current SPIE Digital Library site on Silverchair to our new site, there will be permanent redirects in place from the legacy site to the new site. Whenever possible, links will resolve to their new location. Links that cannot be resolved to the new location will point to the SPIE Digital Library homepage.

Because the domain is not changing, if you are already linking to the SPIE Digital Library homepage using <http://spiedigitallibrary.org>, no change to your link will be necessary.

Will the new platform support institutional branding?

Yes. If your institution has an SPIE Digital Library subscription, the name of the institution appears in an "Access Provided By" window at lower right when a user's IP is recognized as coming from your institution. Subscribing institutions can also add their logo to this window. If you have already provided us with your logo for the existing site, there is no action you need to take. If not, logos should be emailed to SPIE Digital Library Support at spiedlsupport@spie.org. Logos have a minimum size requirement of 145 px X 75 px and minimum dpi of 72.

Will the SPIE Digital Library be archived?

The SPIE Digital Library is archived and preserved in [Portico](http://portico.org).

What resources will be available specifically for librarians?

The new site will include an “**Information for Librarians**” section in the footer of this page. This area will have links to pages that include information about account management, training and promotion, subscription information, contact information, and other information for librarians.

Will the new platform include email alerting and will my current alerts continue?

The new site includes email alerts. As in the past, a user’s alert subscriptions on the new platform can be activated and managed by creating a personal account in the SPIE Digital Library.

Existing Publication Alerts and Content Alerts that were set up on the legacy platform will continue with no action on the recipient’s part required. However, existing Search Alerts that users have set up will not be migrated to the new platform. Users with Search Alerts can recreate those if desired by doing a search and then clicking a link that schedules them to receive future alerts for new content that matches the search criteria.

Is the new site supported on current browsers?

The new SPIE Digital Library platform supports the following browsers:

- Internet Explorer v. 11+
- Firefox v. 52+
- Chrome v. 57+
- Safari v. 10+

Will training materials or user guides be made available?

We are developing training materials for the new site, including a training video and Help pages. These will be available as soon as possible before launch. We are also happy to arrange web-based training sessions for subscribing institutions; typically, these sessions take 30-45 minutes and are informal, interactive, and customized to the institution's research interests.

How do I stay up-to-date about what and when changes will occur?

In late July and August, library administrators and other contacts at subscribing institutions will receive a series of emails from us with instructions on how to test your authentication to the new platform and other updates, including an email to let you know the exact launch date as it nears.

What are the details of your secure server?

SPIE uses a 3rd party CDN (Incapsula) to manage traffic to SPIE’s websites, which are on web servers hosted and owned by SPIE. We do not currently use cloud services like AWS or Azure to host our sites. The CDN has been configured to use a single, static IP that is solely for SPIE web properties. The address to be considered for whitelisting should be IP 107.154.251.12 or these domains: www.spiedigitallibrary.org, spie.org, and login.spie.org.

CONTACT SPIE DIGITAL LIBRARY SUPPORT

Please use the following email address and phone numbers to contact us with questions, updates, or to report technical issues.

Email:

SPIEDLsupport@spie.org

Phone:

1-888-902-0894 (North America)

+1-360-685-5580 (Rest of World)