





*Glencoe Software and OME:
10 years of success*

OME Users Meeting 2016

Tuesday, 31st May 2016

Welcome to Glencoe Software

Founded in 2005 10+ Years of success!

Powerful, Proven Image Data
Management Solutions and Services

Dundee, UK and Seattle, WA, USA

Exclusive Commercial Partner of Open
Microscopy Environment (OME)



Our Team

15 Glencoe Software and 30+ OME employees



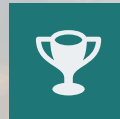
Established Worldwide

Customers in Pharma, Biotech, Academia and
Technology



Expertise

65+ years of experience in life sciences, imaging
and software engineering



Award Winning

BBSRC Innovator of the Year 2011

Commerical & Community Synergy

A Powerful, **Exclusive** Partnership built on Open Source Foundations



COMMERCIAL LICENSES

Warrantied, Indemnified
Data Management
Solutions



CUSTOMIZATION

Integration,
Consultation, Software
Development....



SERVICE & SUPPORT

Commercial Service,
Support Agreements

OMERO Plus

Platform agnostic, enterprise-level data management software

VIEW your data anywhere... anytime

MANAGE your scientific images and associated metadata

SHARE your data securely and easily with anyone whom you chose to, globally

ANALYZE your data with all the tools you need from within one simple framework

PUBLISH your data with confidence

* OMERO Plus offers full warranty and indemnification



PathViewer

An intuitive, interactive, visualization, analysis and annotation tool

BROWSER-BASED OMERO client designed for **Digital Pathology** workflows; key features:

FREE-HAND annotation, drawing and measurement

BRIGHTNESS contrast and color level adjustment

PARAMETRIC URLS enabling precise sharing

ROI map annotations (more metadata)

BRIGHTFIELD & FLOURESCENCE

ENABLES MULTI views and users



Imaging Domains & Applications

Our Areas of Expertise

Digital Pathology

Tissue Samples
WSI
Histology



Microscopy

Electron
Fluorescence



High Content Screening

High Content Screening
3D Electron Tomography



Publishing

Video Injection
DataViewer



Medical Imaging

MRI
CT

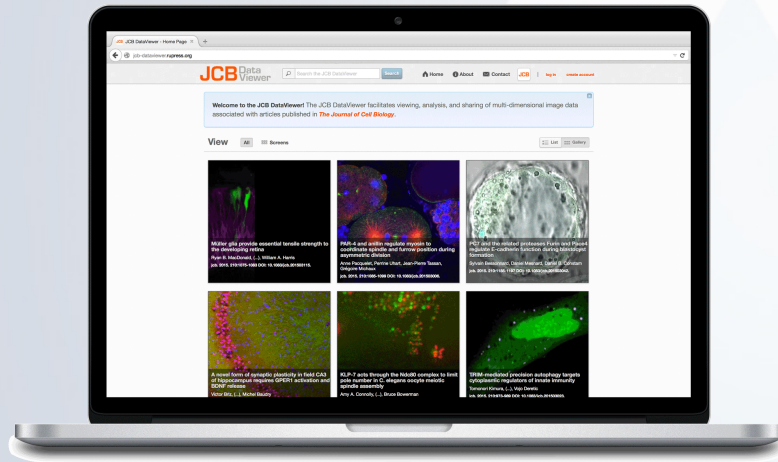


And more...

X-Ray Crystallography
Light Sheet Microscopy
Other data types
... What's yours?

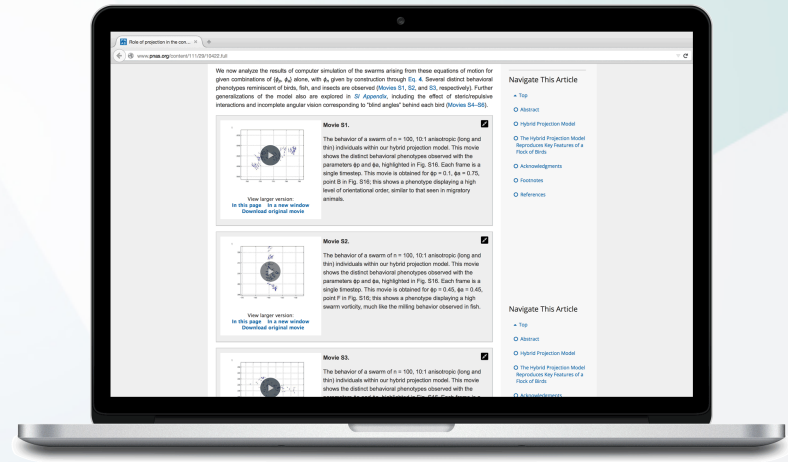


DataViewer



Interactive visualization of original, multidimensional image data in over 150 different file formats – all in web browser plug-ins

Video Injection Service



Branding company

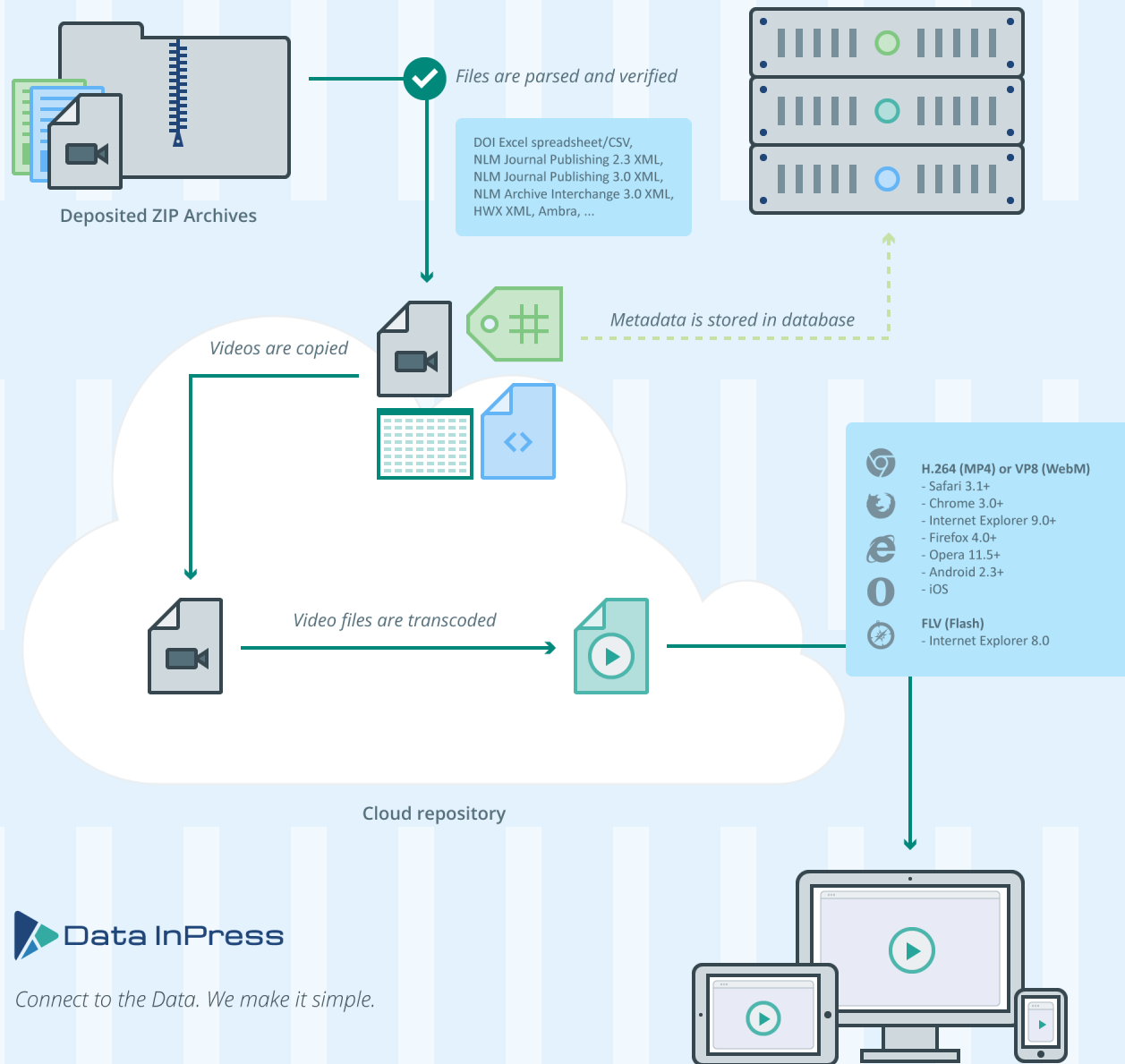


Integrating image data into online publications. Seamlessly.

Technology

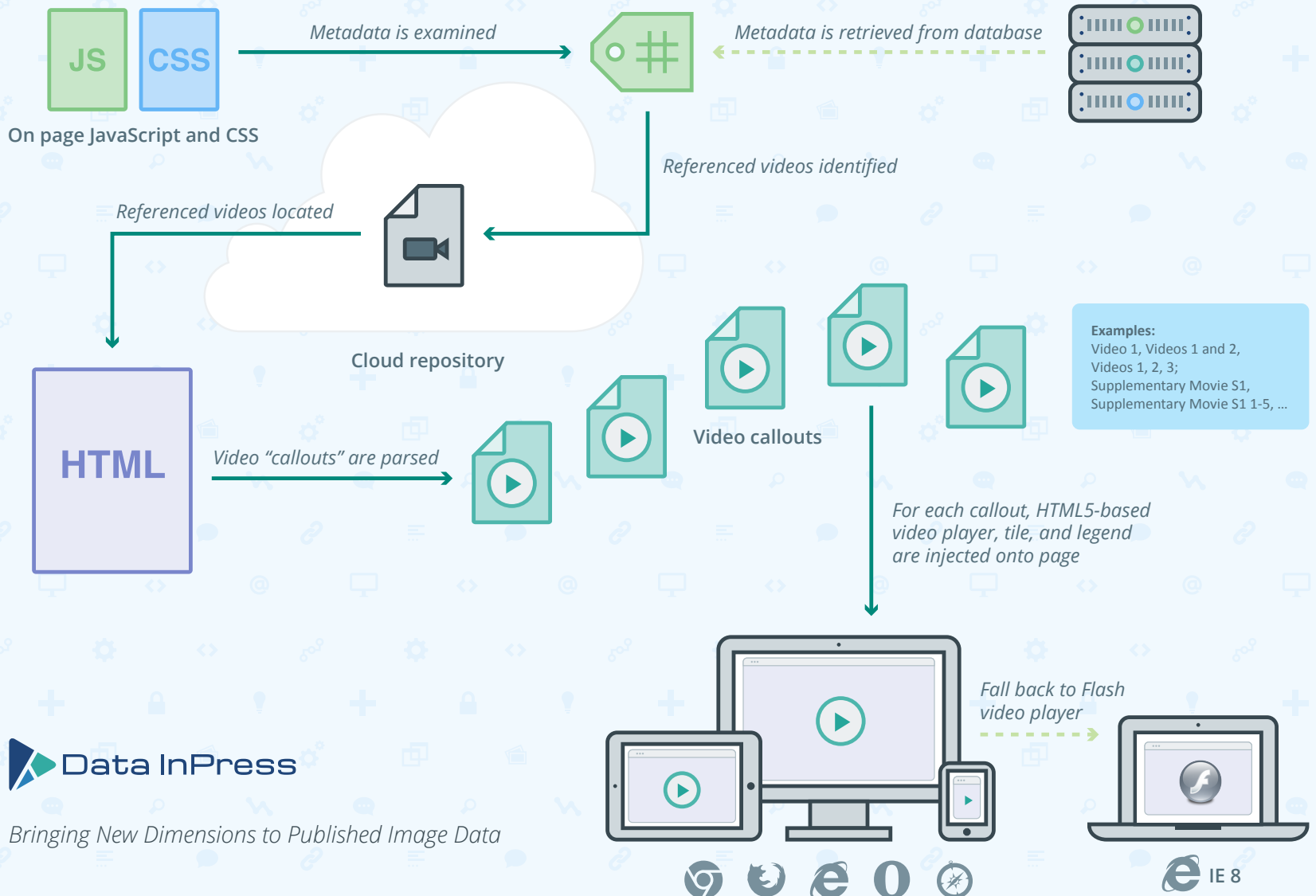


Video Injection Service: What Happens in the Server



Connect to the Data. We make it simple.

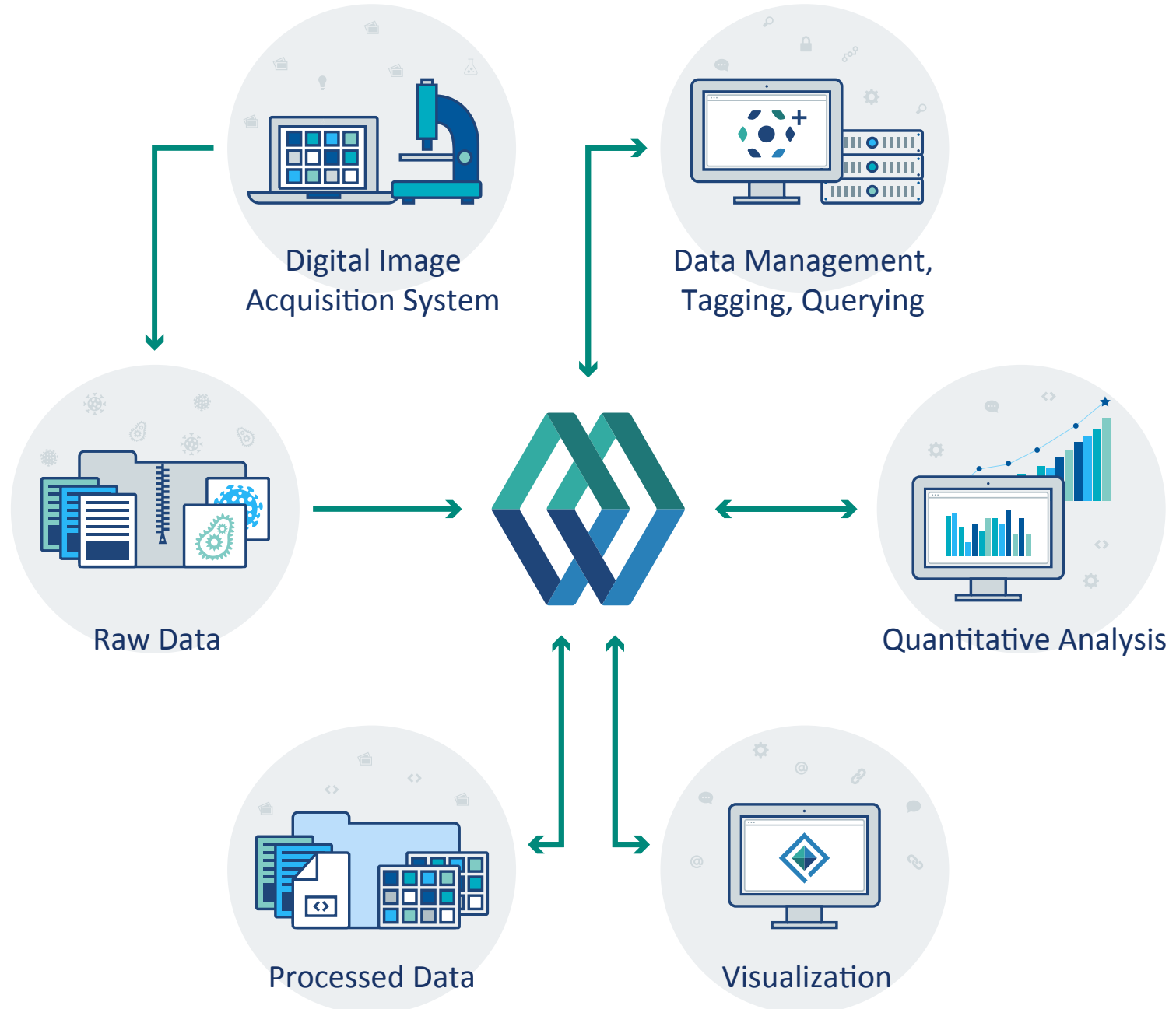
Video Injection Service: What Happens in the Browser



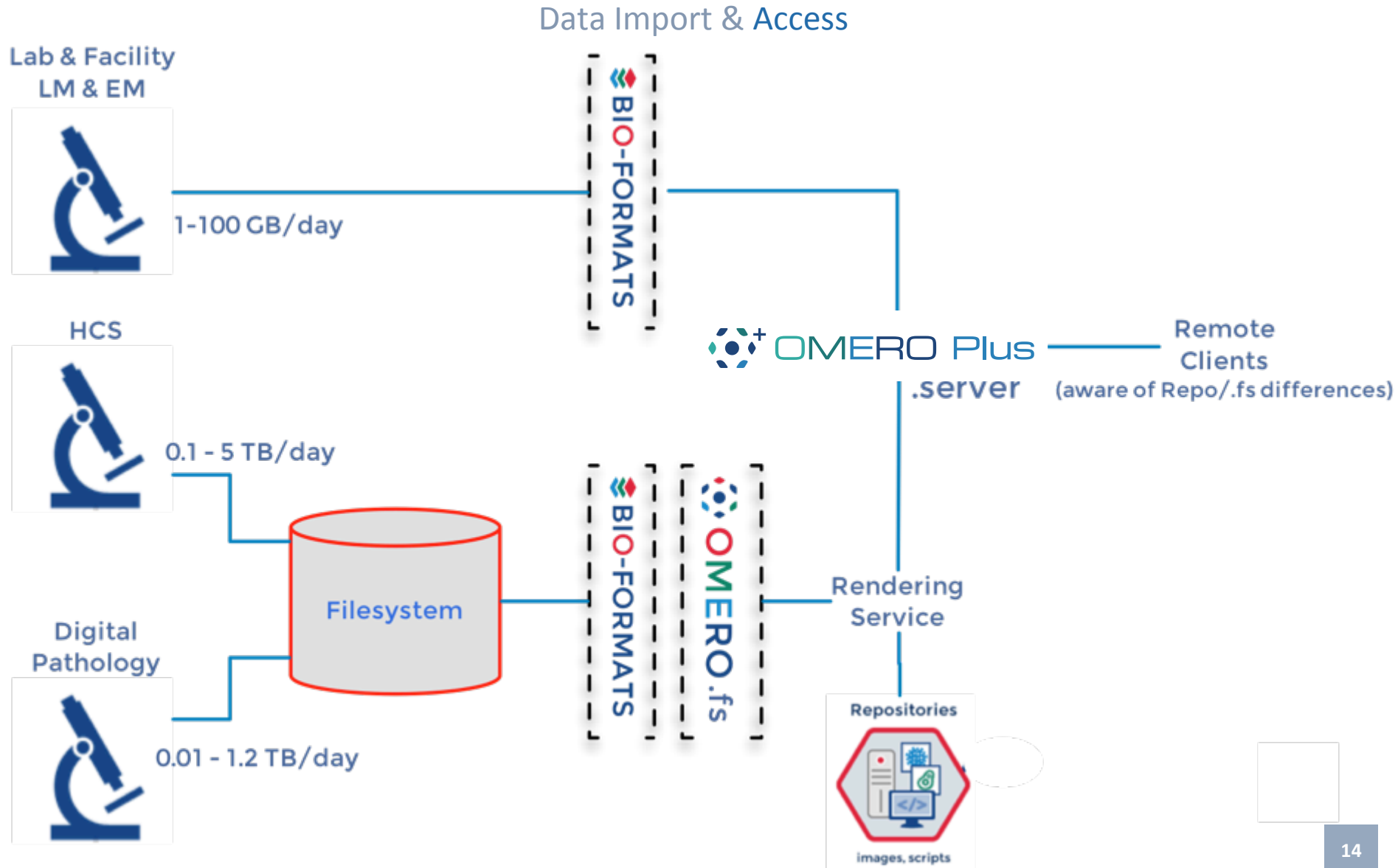
Technology



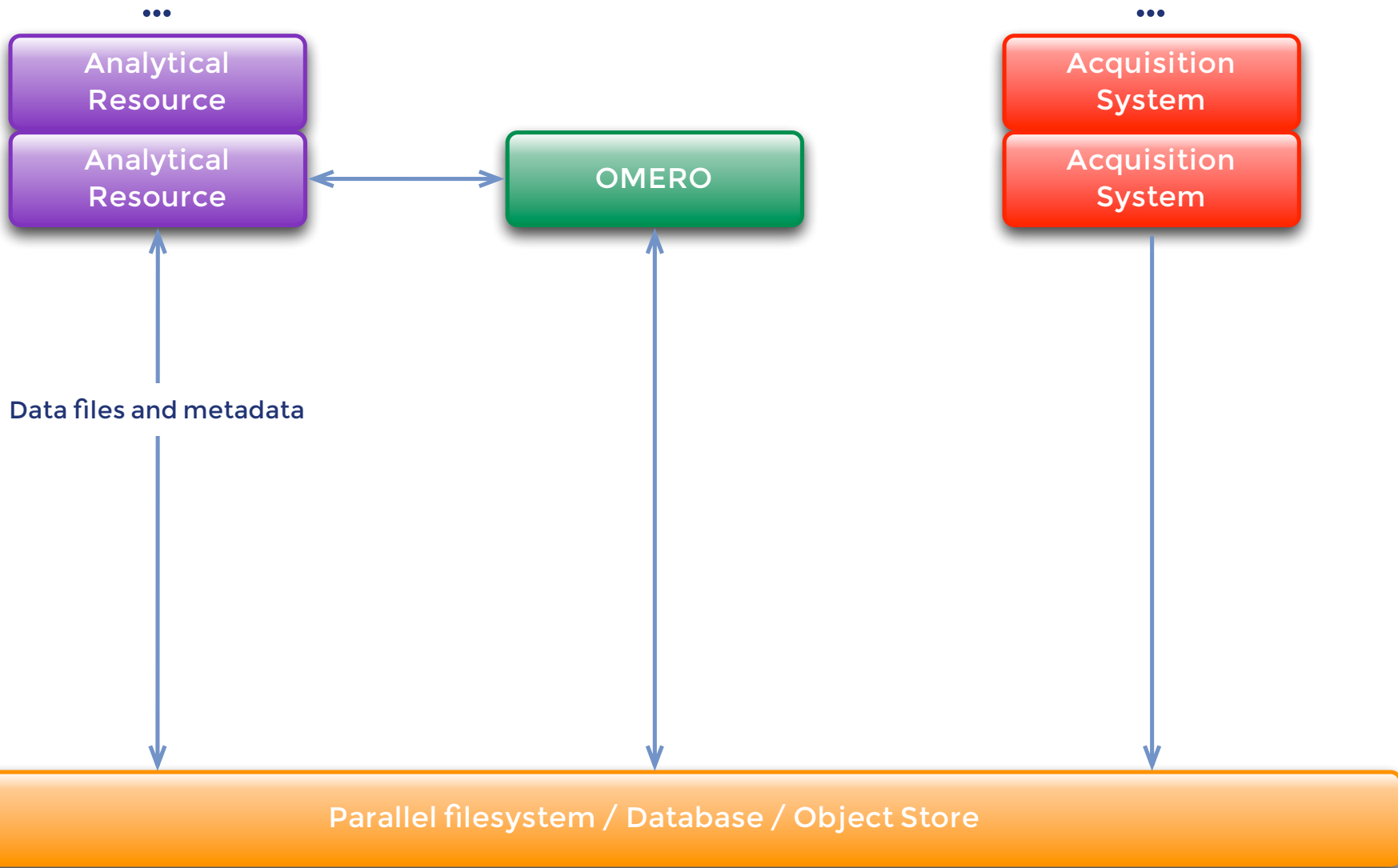
Towards Image Informatics



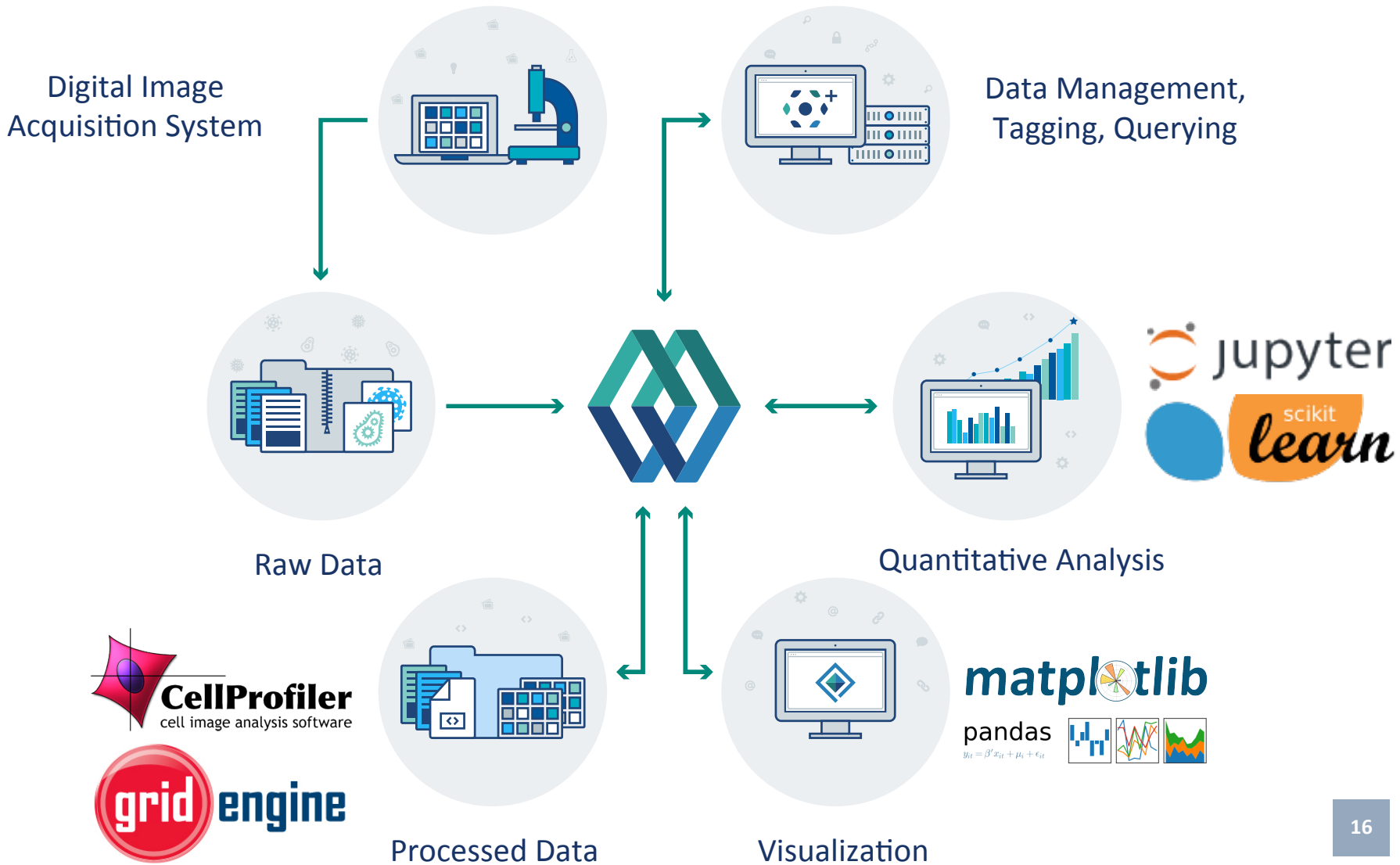
OMERO Plus and Bio-Formats



Logical Architecture



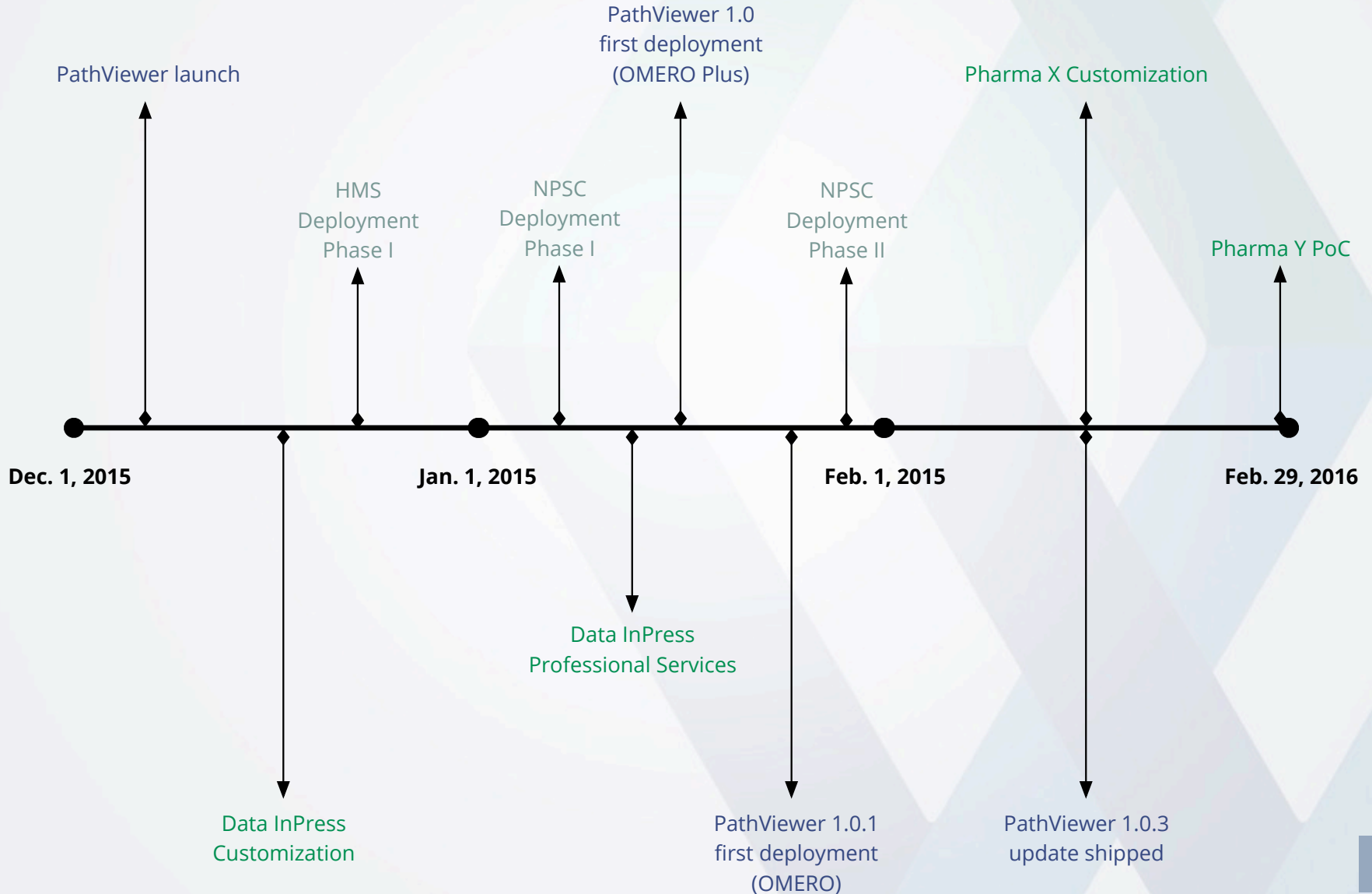
Providing Image Informatics



The Last 6 Months



Timeline



Where to from here?

- More work on scalability for HCS and WSI
- Better and more thorough portfolio of integrations
- Quarterly webinars showcasing Bio-Formats and OMERO
- Development projects with major instrumentation vendors ensuring PFF support

Summary



The Team

Leadership



Chris Allan

File Formats and Plumbing



Melissa Linkert

Systems



Chris MacLeod

Backend Development



Joshua Ballanco

Design and User Experience



Liza Unson

Frontend Development



Andreas Knab

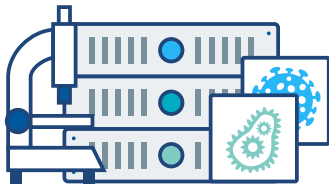
Applications



Emil Rozbicki

Our Solutions

Let's work together



Terabyte Scale Imaging
(LM, EM, HCS, DP, MI) *



Image Informatics Solutions



Images as Knowledge

Expertise

Solutions

* (light microscopy, electron microscopy, high content screening, digital pathology, medical imaging)

Thank you!

Visit us at www.glencoesoftware.com for more info, or follow us on Twitter [@glencoesoftware](https://twitter.com/glencoesoftware)

