PerkinElmer’s Solution for Collaboration to Insight

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- Problem Statement
- Presenting a solution for distributed research
- Summary & call to action
- Time for questions
Problem Statement: The Distributed Collaboration problem

- Companies are now working on research projects with multiple teams across time zones and geographical locations.
- I need to be able to quickly start up a collaboration project.
- How do I keep my own IP data protected and separated from my collaborating partners?
- Most information sent from partners is lost in stacks of unstructured reports – what can I do to leverage this insight?
- How can I get real-time insight on research progress?
- How could I support different collaborations like CRO/CMO, Academic Partners and Strategic Alliances or even different distributed departments in the same company?
- How can I have a secure collaboration environment and not mix up data between partners?
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Distributed/Integrated Collaboration Platform: what’s available TODAY?

- Distributed User Community
  - Group 1
  - Group 2
  - Group …

Distributed Groups can be Internal or External departments, Strategic partners, Academic groups or collaborating CRO’s
Distributed/Integrated Collaboration Platform: what’s available TODAY?

Distributed User Community
- Supports various collaborations like CRO/CMO, Academic partners and Strategic Alliances or even different distributed departments in the same company
- Easy setup for new partners: no server or end-user installation
- Corporate IT is not needed to add new collaborations
- Supports chemistry research through the market leading ChemDraw™
- Separated tenants for each relationship to ensure security

Central User Community

Distributed Groups can be Internal or External departments, Strategic partners, Academic groups or collaborating CRO’s
Distributed/Integrated Collaboration Platform: what’s available TODAY?

Distributed Groups can be Internal or External departments, Strategic partners, Academic groups or collaborating CRO’s

Distributed User Community
- Group 1
- Group 2
- Group ...

Central User Community
- Works for systems where Central User Community is either On-Premise or Cloud based.
- No new Silos, Central User Community’s Notebook remains the long term data repository for distributed research.

ELN
TIBCO
Signals
Spotfire
Perspectives
Distributed/Integrated Collaboration Platform: what’s available TODAY?

Distributed Groups can be Internal or External departments, Strategic partners, Academic groups or collaborating CRO’s

- Easily plan and coordinate work with virtual teams
- Guide work through template based experiments
- Automated data transfer more reliable and faster
- Data structure remains intact
- Time saving, reduction in transcript errors, IP protected

Central User Community

Distributed User Community
- Group 1
- Group 2
- Group …
Elements and E-Notebook in Supporting the Distributed Lab

Only Central User Community
- Behind Corporate Firewall
- Experiment available in E-Notebook
- E-Notebook Request
- Elements Request Queue
- Assign work in Elements
- Experiment available in E-Notebook
- Finish Experiment

Mostly Distributed User Community
- Automated Extraction into E-Notebook
- Most Distributed User Community
- Only Central User Community

These intentions may change without notice as we respond to customer requirements.
Sponsor generates request in E-Notebook for Elements CRO

These intentions may change without notice as we respond to customer requirements.
Request transfer from E-Notebook to Elements
These intentions may change without notice as we respond to customer requirements.
Actions privileges depend on User rights

State | Action
--- | ---
Unassigned | Assign
Assigned | Start
In Progress | Complete
Completed | Send2ELN
Ready For Export | Archive
Archived | 

State | Action
--- | ---
Unassigned | Assign
Assigned | Start
In Progress | Complete
Completed | Send2ELN
Ready For Export | Archive
Archived | 

Requestor: James Parker

CRO Users: Jake.sullivan, chris.durnst
Request Management in Elements (Detailed View)

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Progressing & Finalizing Experiment ready for export

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Elements Experiment transformed and send to E-Notebook

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Real-life Customer Variations to the Presented Workflow

- **Pharma A**
  - ELN to ELN
  - PDF rendered of a **Table Of Contents** summary of all experiments per notebook
  - Sign and Close happens within an approved web portal environment controlled by Pharma A → certified *Electronic Official File (EOF) system*
  - CRO person logs into web portal & signs off on PDF rendered TOC

- **Pharma B**
  - CRO
    - Use of Elements system in Singapore (geographically closer to CRO’s)
    - Use of Amazon UK located E-Notebook (Copy)
    - First part of POC: work initiated in Elements and data pulled into E-Notebook
    - Re-open and Re-sign in E-Notebook + PDF rendering in E-Notebook
  - Remote Departments Use Case
    - Simply use Elements as web based E-Notebook
    - Transfer data back into E-Notebook (central archive) on completion
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To recap...

- Supports various collaborations
- Easy setup
- Reduces corporate IT burden
- No new Silos created
- Enables planning and coordinating
- Template driven
- Keeps original data structure intact
- Uses market leading ChemDraw™
- Secure tenant separation
- Real time collaboration
Call to Action

Need a live demo?
http://www.cambridgesoft.com/RequestInfo/
Or email
informatics.insights@PERKINELMER.COM

Go! Time for Action
Call to Action

Elements

ELEMENTS.PERKINELMER.COM
TRY IT FREE TODAY!

http://insideinformatics.cambridgesoft.com/
http://elements.perkinelmer.com
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Innovation Lab

SCIENCE
Translational Medicine
Genomics • Imaging
Environmental Health

INTEGRATION
Integrated Data Views
Big Data
Instrument Interfaces

ANALYTICS
Active Analytics
Signal Processing
Pattern Recognition
Data Visualization

ARCHITECTURE
Security • Distribution
Speed • Diversity
Modularity • Cloud

PerkinElmer Informatics Innovation @ The New Speed of Science

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