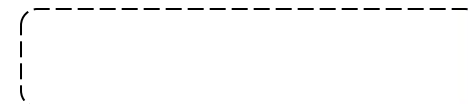


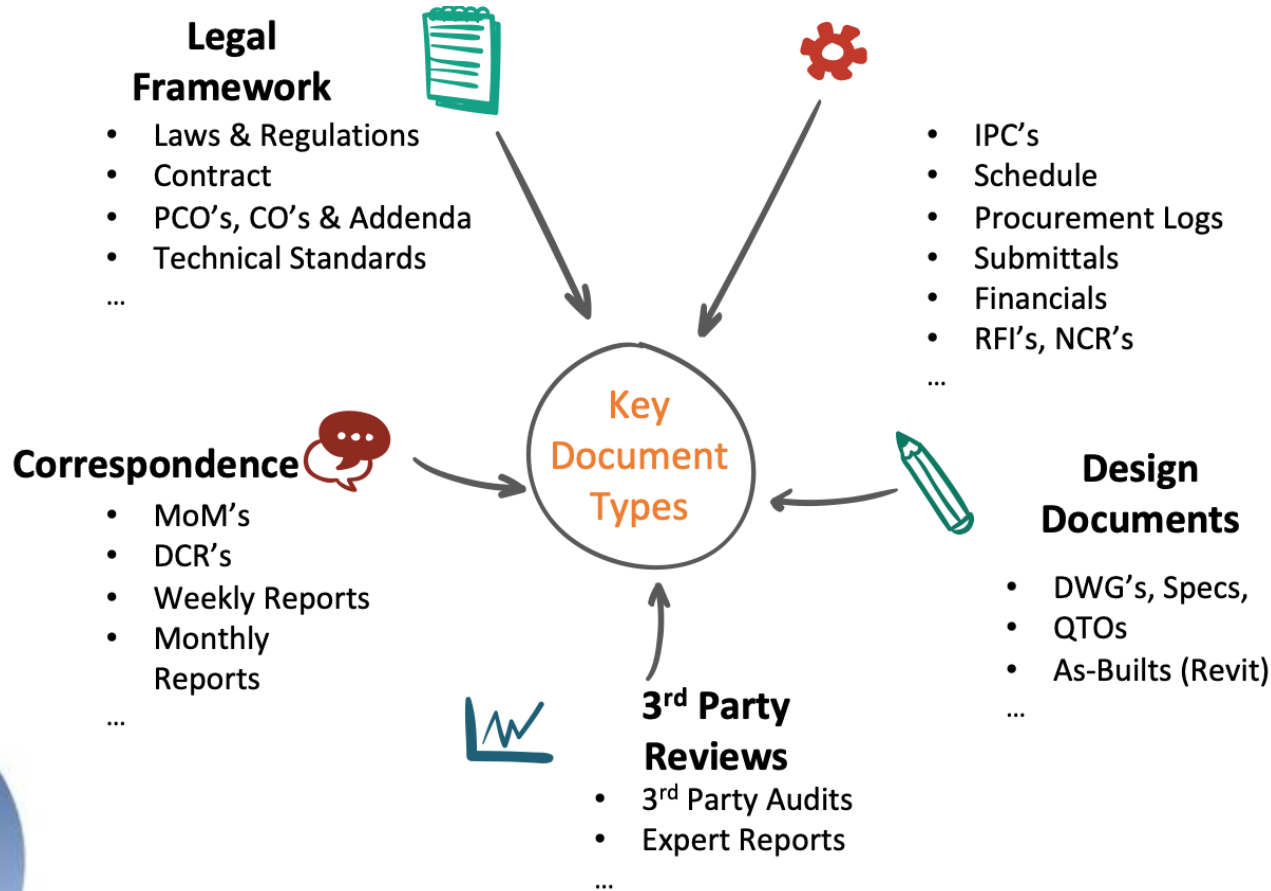
Power of AI-Driven Data Discovery

to Enhance Construction Project Controls



PC Theme 1

Information overload



- Hundreds of emails every day
- contracts, schedule updates, budgets, payments
- meetings, phone calls, messages
- reports, change management, risk management

Basically, you do your work, when everyone else goes home.

PC Theme 2

Project unpredictability



“69% of construction projects have experienced **claims related to changes.**”

- No idea how the project will end
- Control and being prepared
- Contracts

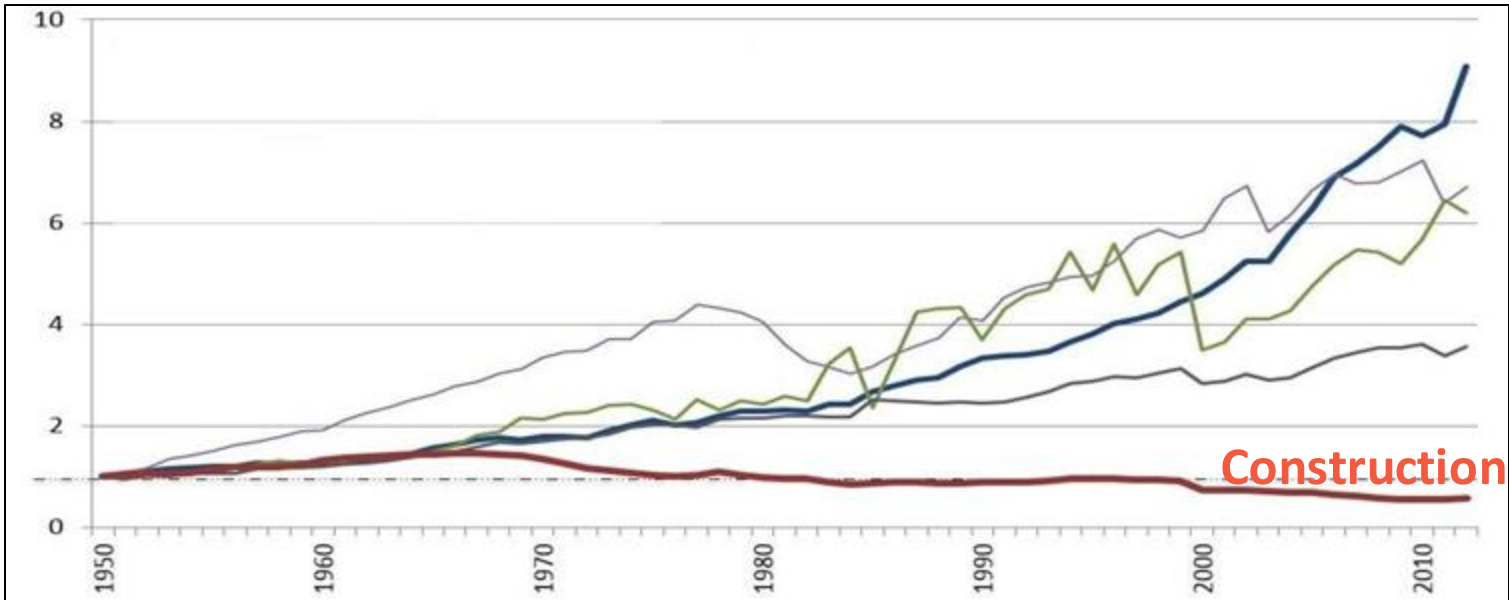


PC Theme 3

Innovation

Construction Productivity 1950-2012

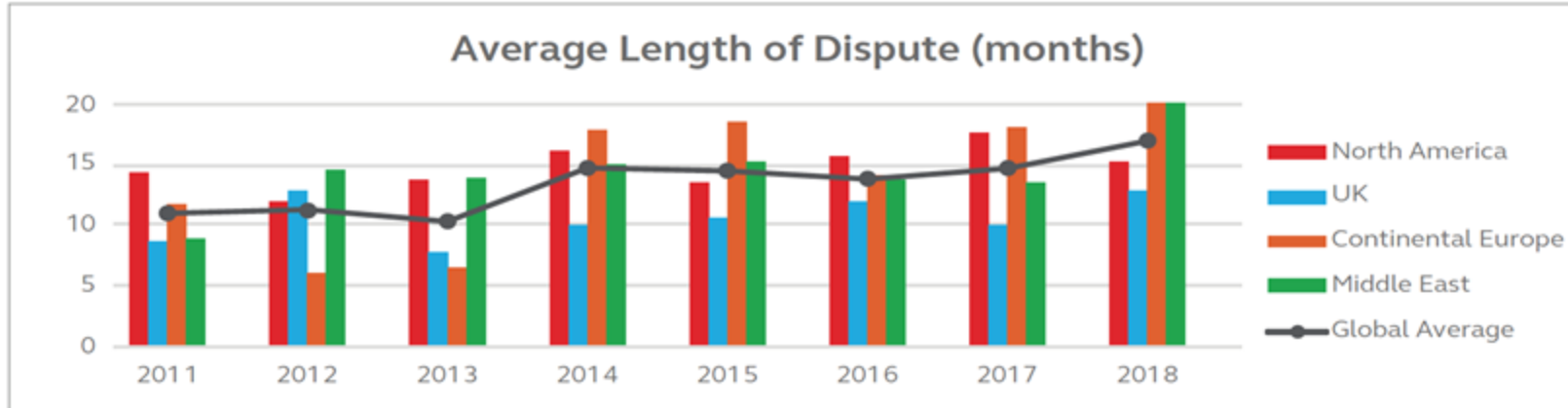
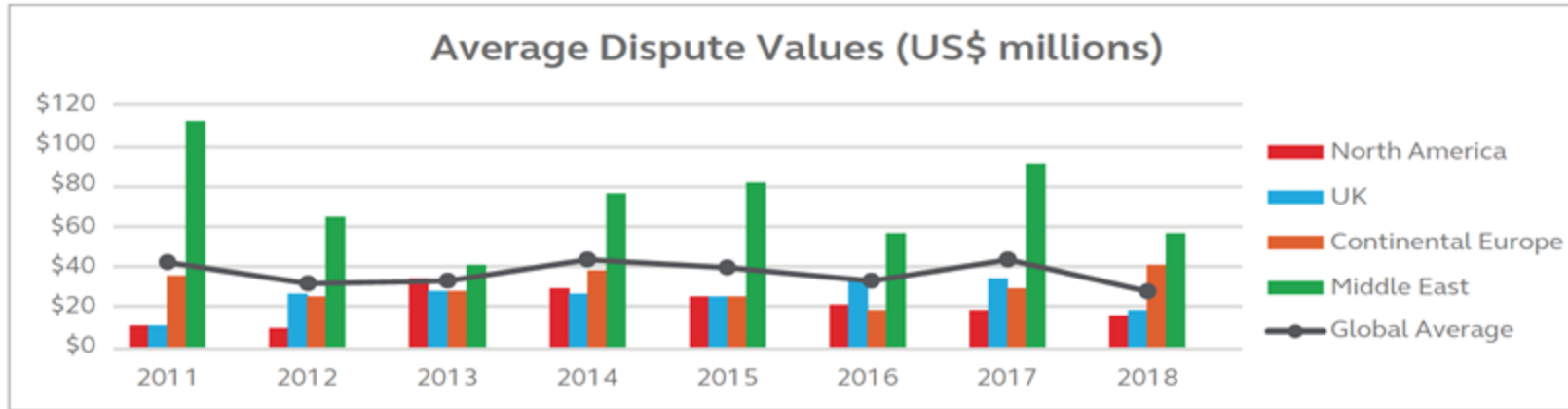
Source: BEA, US



- Babyboomers vs. Millenials
- Attracting Best Talent
- Knowledge transfer



When PCs go wrong



**Negotiating time and money in
construction is decided by facts...**

**...buried in emails, documents, drawings
and schedules!**



What innovation means to us?

- **Reduction in Manual workflows**
- **Avoid patchwork solutions**
- **Minimal system management**



Obstacles

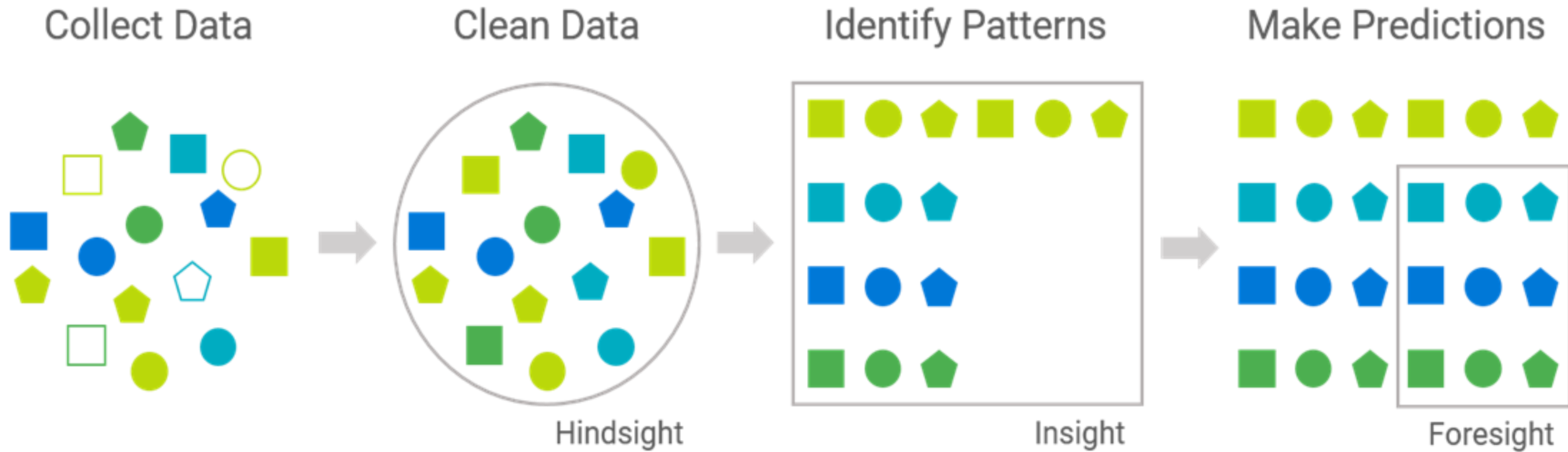
Unstructured Data: Text, emails, documents, drawings, schedules

Data Silos: Data scattered across different platforms, departments, and formats.

This makes it challenging to access a comprehensive view of the project's status, hindering informed decision-making.



Moving from Data to Knowledge with AI



PC - Reality



“69% of construction projects have experienced **claims related to changes.**”



“Project related claims **cost more than *10% of the entire project value.**”



“**Effective substantiation of claims is the difference between profitability and loss.**”



“**Companies that successfully leverage project information can save millions of \$\$ and avoid costly claims.**”



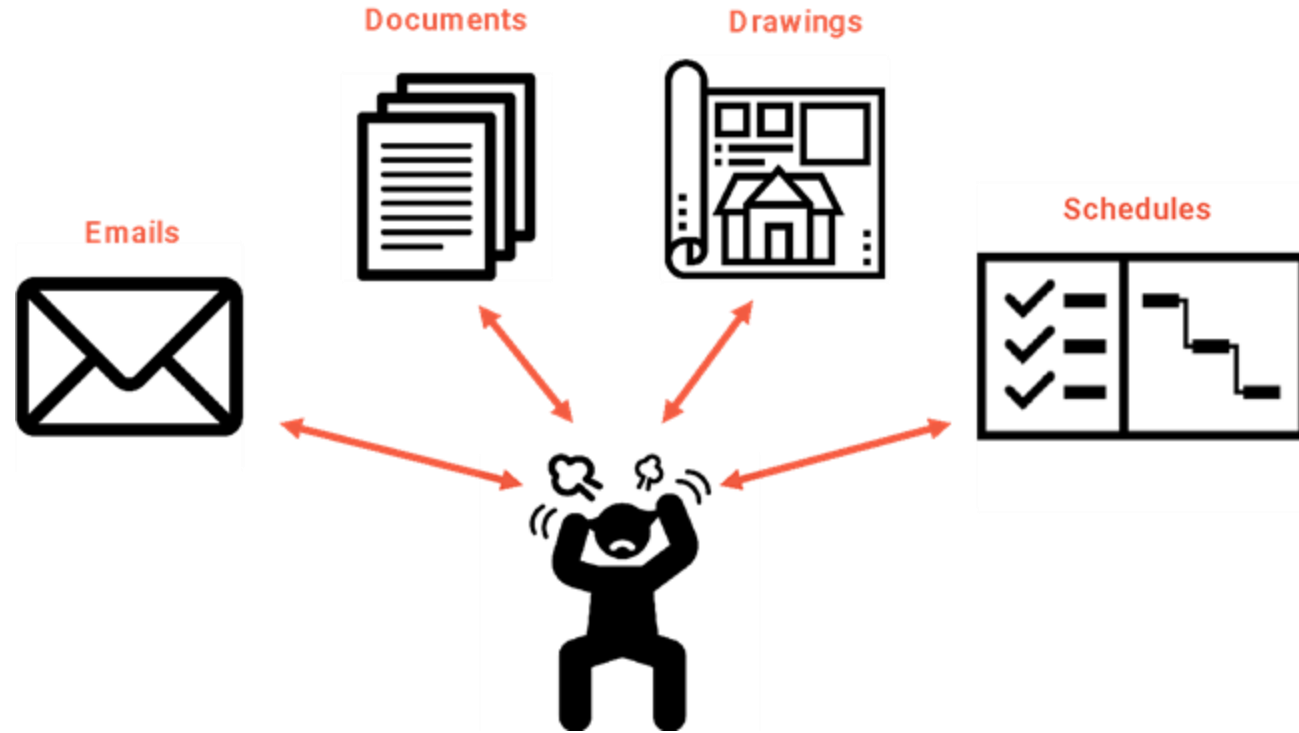
“Time waits for no one”



“Construction teams waste 35% of their time looking for information.”

BCG

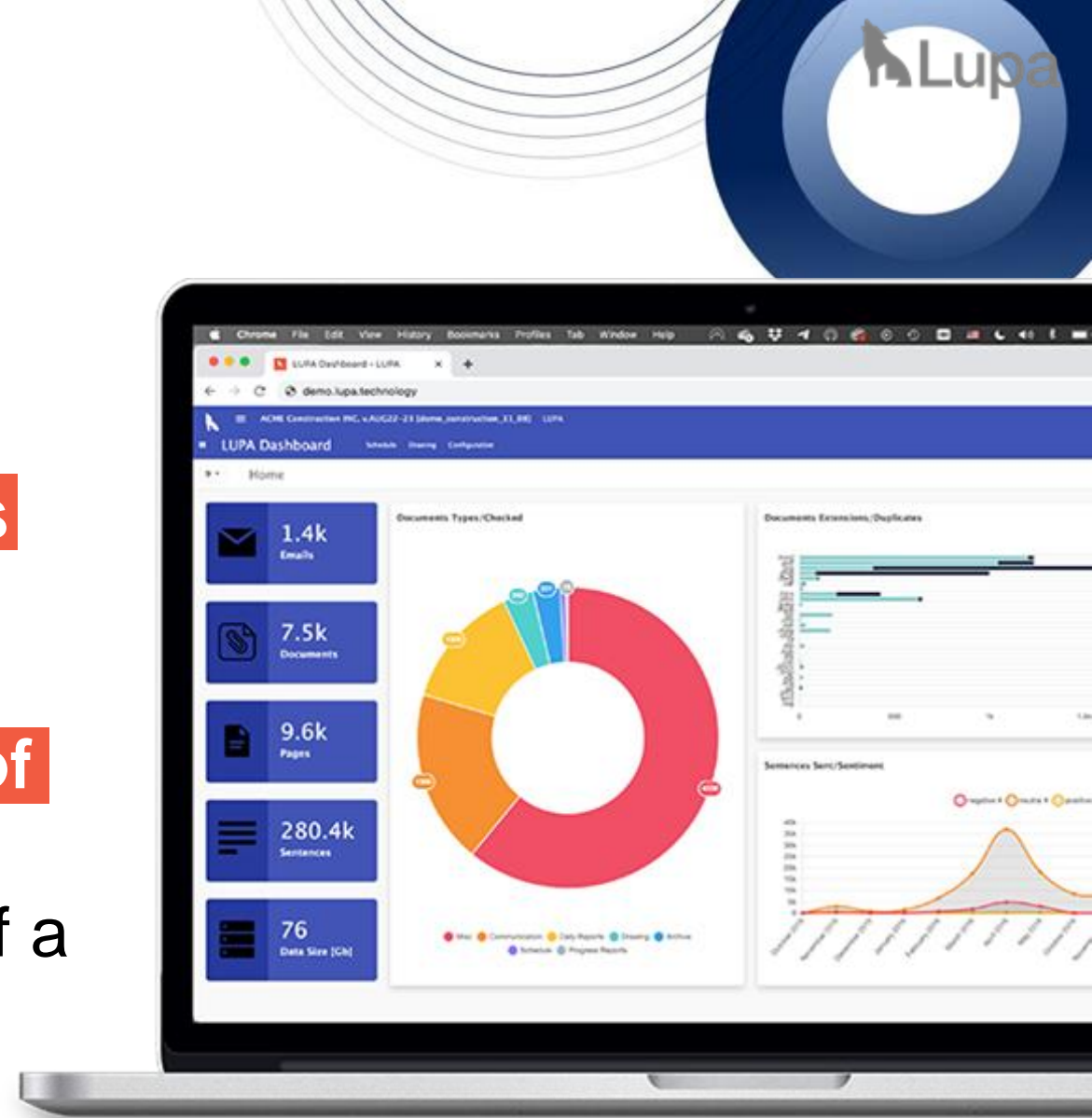
THE BOSTON CONSULTING GROUP



Solution

LUPA is a cloud-based Data Discovery solution that empowers people to successfully manage **changes, delays and claims.**

It incorporates **real-time processing of all construction project data** and provides built-in analytics at the click of a button.



Powerful Text Analytics.

Find any relevant information with one click.



With AI-powered contextual search, quickly and easily:

- **Upload and unpack** all your emails and attachments
- **Search** for relevant information by **keywords or context** - in all files and formats
- Tag, bulk-organize, and redact
- **Extract relevant data** (dates, company names, values) to Excel

 **SEE LUPA IN ACTION**

The screenshot displays the 'Text Analysis' software interface. The main window shows a list of documents with columns for Name, Date, and Sender. A search bar at the top right is labeled 'Search by keyword'. A dropdown menu is open over the search bar, listing search criteria: 'Search Sentences for: delay', 'Search Name for: delay', 'Search Path for: delay', 'Search Subject for: delay', 'Search Sender for: delay', 'Search Type for: delay', 'Search Extension for: delay', 'Search Document Tags for: delay', and 'Search Sentence Tags for: delay'. Below the document list, there are buttons for 'Upload and unpack' and 'Text Analysis & Semantic Search'. The 'Text Analysis & Semantic Search' dropdown menu is open, showing options: 'Documents', 'Pages', 'Sentences', 'Concept Nodes', 'Concept Head Words', 'Tags', 'Document Types', 'Document Subtypes', and 'Redacted Documents'. At the bottom of the interface, there are icons for various file formats: Email, ZIP, PDF, Word, Excel, PowerPoint, and P6.

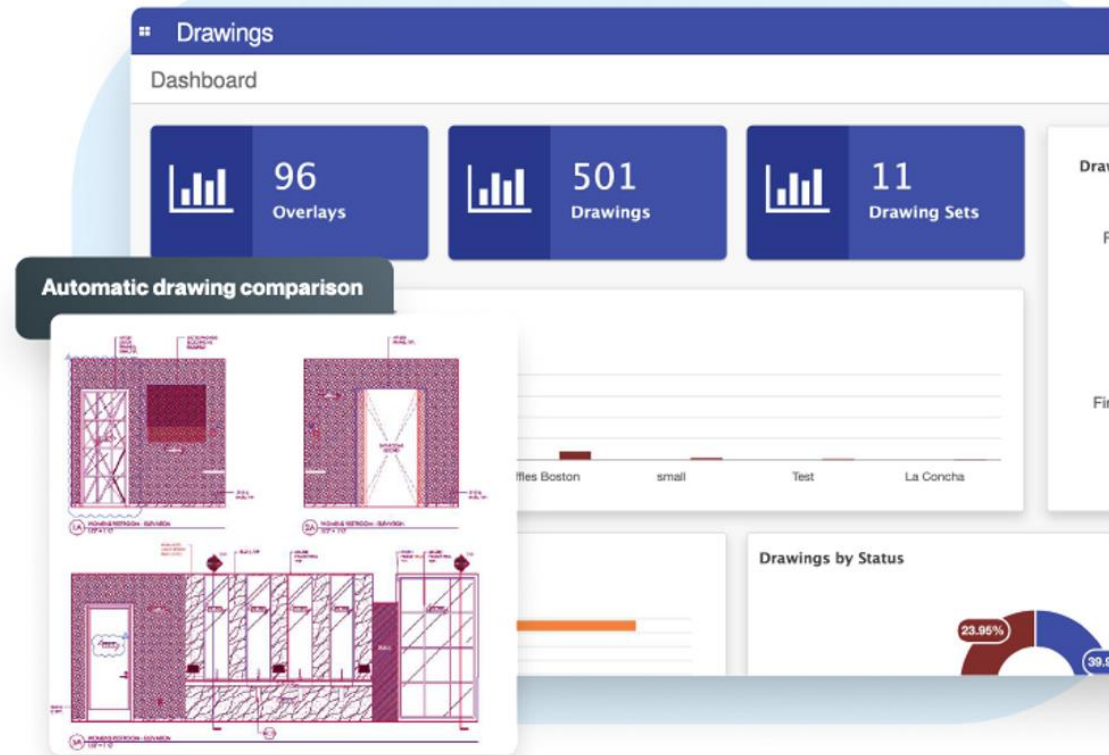
Track design changes in minutes.

No need to spend days manually searching.

With LUPA's powerful Drawing AI engine and dashboard:

- Find change mark-ups with an **automatic comparison** of PDF drawing sets
- Leverage **Drawings by Similarity**, and never miss a critical drawing again
- Automatically create **drawing registers** with extracted data, drawing numbers, dates

[SEE LUPA IN ACTION](#)



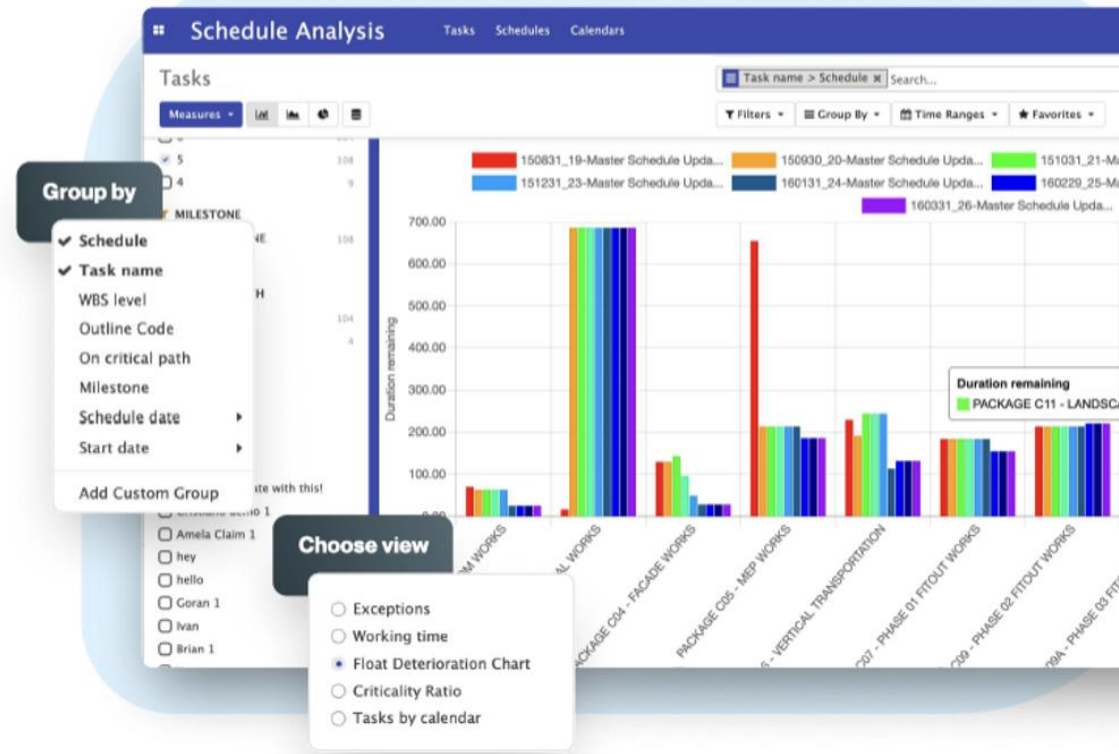
Compare and visualize multiple schedules.

At a click of a button.

Get **Project or Portfolio-level** expert analytics:

- Unlock **P6** and **MS Project** data
- Compare multiple schedules with ease - search, filter, and group
- **Detect anomalies** instantly
- **Simple to use** - no need to be a Primavera expert

[SEE LUPA IN ACTION](#)



What else?

- Images
- Videos
- Messengers
- BIM models

Your job won't be taken by AI.

It will be taken by someone using AI.



Case Study

Key parameters

Client: Confidential (leading law firm in UK)
Claim size: USD 750,000 International dispute
Data size: 3,500 emails & 10,000 documents
Deadline: 3 weeks.

Problem

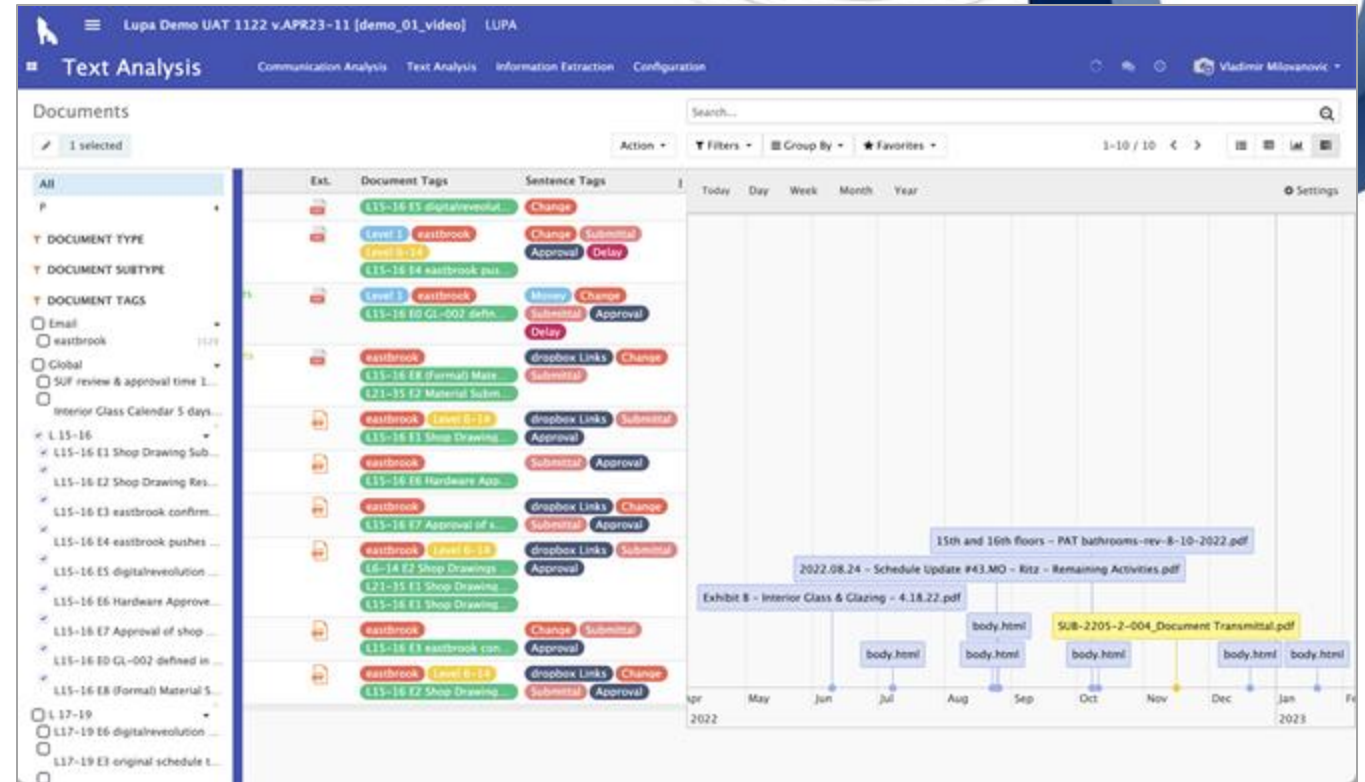
Leading expert companies from the UK who already worked on the case failed to produce the assessment. The Client waited for two weeks, paid GBP 150,000 in fees and was ultimately told that the fees would outweigh the value of the claim.

LUPA

Just before time ran out, LUPA was introduced to the case and all analytics, assessments and reports were produced in 3 days.

Result

Leading Law Firm is looking to use LUPA on other construction matters and referring to it's network of Clients.



Customer Value

\$750k

Review time

3 days



THANK YOU