





WHITEPAPER

# Connecting your Enterprise Knowledge, One Team at a Time

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curiosity



# Why are Companies Drowning in Information?

— Where on earth is that document?

If that sounds familiar, you're not alone: In companies everywhere, people are struggling to find information in the constant stream of documents spread across different silos.



The massive enterprise-wide search systems of the past are failing this challenge: Their results are cluttered with irrelevant information and they're too expensive to update for the constant stream of new data sources.

As a result, employees waste 20% of their time searching for information - that's a full day every single week.

## Connecting each team's knowledge

Curiosity is reimagining enterprise search to ensure teams have all their information at their fingertips.

Curiosity offers a fast, modern search across all of each team's information, e.g. email, network drives, intranet, CRM databases, and many more.



**If only our company knew what our company knows.**

— adapted from Heinrich von Pierer



It doesn't stop at document names but instead pinpoints the exact page and paragraph where the information is stored. More, it lets people preview their results directly without having to download files or switch systems.

Curiosity's search has helped customers increase team efficiency by up to 15% by reducing the time wasted on lengthy searches. That's like adding a full person to each team of eight.

Curiosity also reduces re-work: Teams using our search have reduced time they spend "re-inventing the wheel" by as much as half.

Finally, people love being able to focus on the interesting and challenging parts of their jobs instead of spending hours clicking through network drives or email folders.



## Industrial Technical Support

The technical support group in a large industrial company was struggling to find information in decades of complex technical documents and previous answers to their client's requests, spread across 15 different sources and multiple legacy systems.

Curiosity linked all the information into a single search system with over 5 million documents. Intelligent filters and linked data views make it easy to pinpoint information and navigate the knowledge.



**I spent over a month searching for a specific document in our legacy systems.**

**With Curiosity, I found it on my first search.**

— Laura (Technical Support Engineer)



Efficiency improved by over 15% from better reuse of existing answers and reduced search time.



## Research & Development

The R&D team in a Fortune 2000 technology company has over 30k research papers and conference presentations on a shared drive but was struggling to find the information they need.

Curiosity search makes it easy to search the documents with filters based on their content and find connected information, e.g. find all papers related to a competitor or an expert.

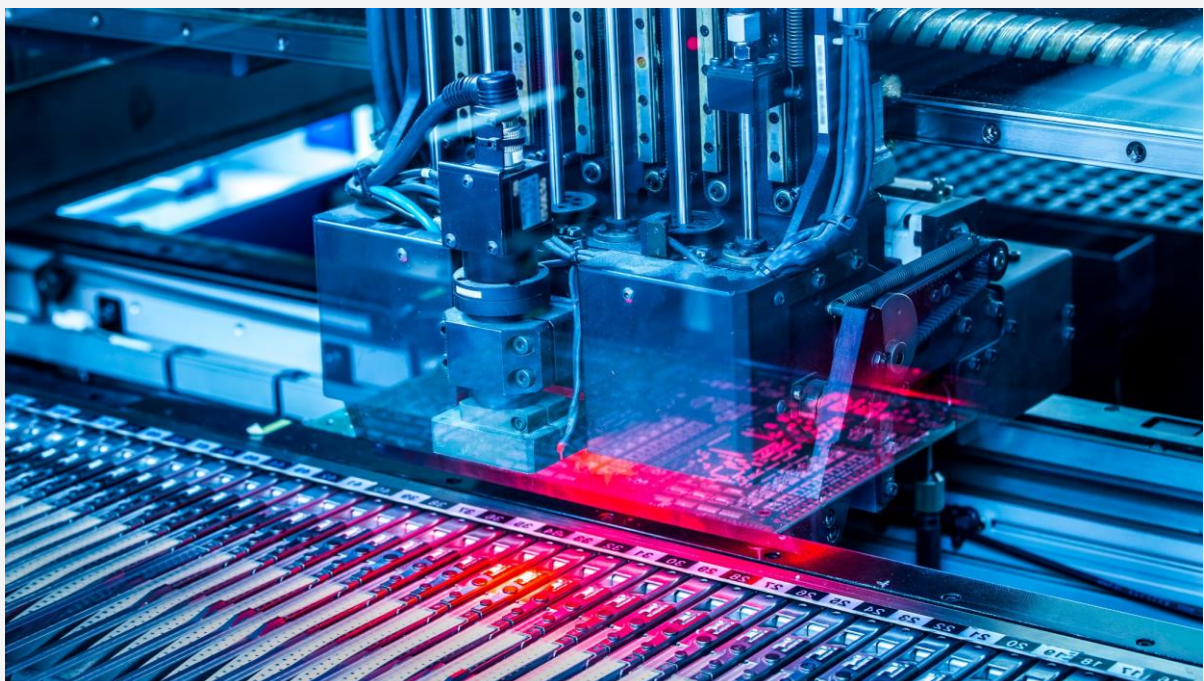


**Strong knowledge management bears a huge potential in our complex industry. Curiosity makes it easy for our experts to find the information they need in the vast amounts of unstructured data.**

— Sebastian (Project Manager)



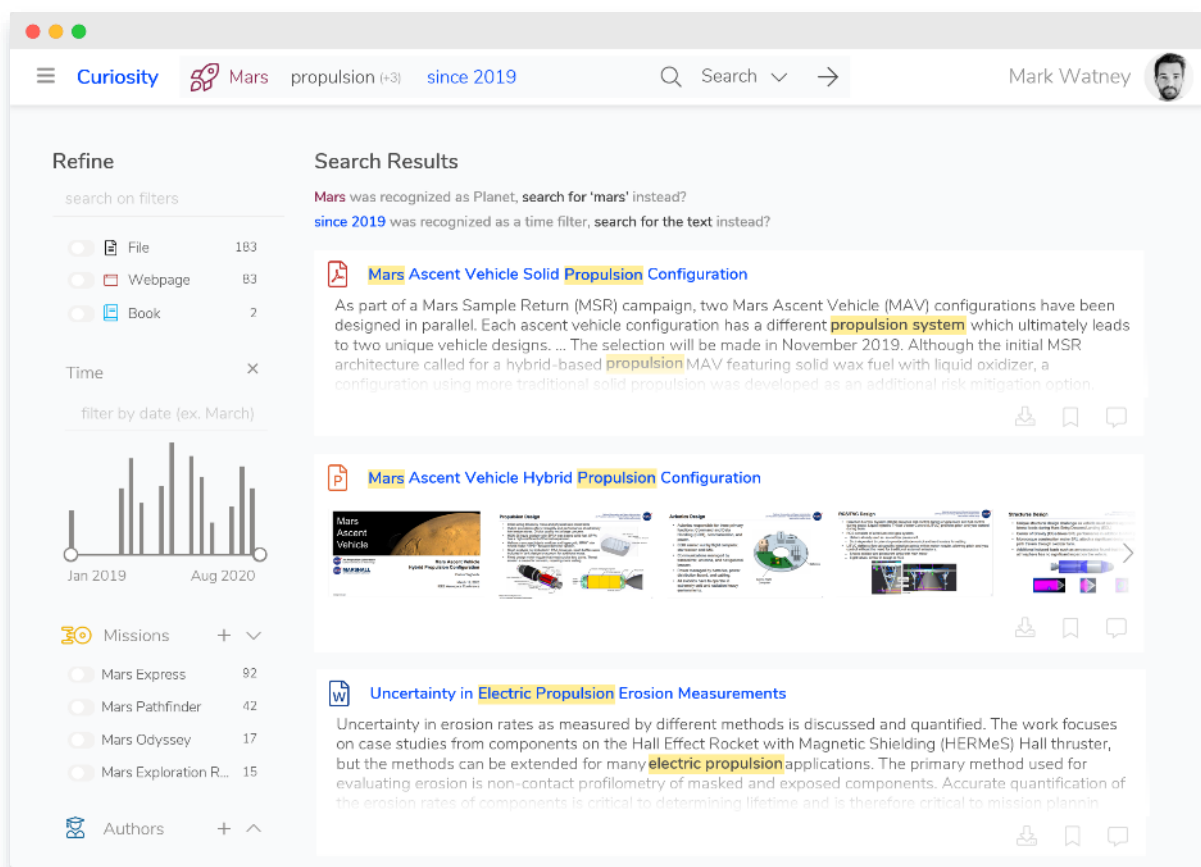
The research team reports significant savings from avoiding rework and new opportunities from understanding what others are doing.



# Modern Search for Modern Teams

## Cutting-edge AI out of the box

The AI learns each team's jargon and improves over time. It helps users by expanding their searches with synonyms and abbreviations, and by finding similar information. It also builds a knowledge graph that helps users navigate and filter documents using abstract concepts.



The screenshot shows a search interface for 'Curiosity' with filters for 'Mars', 'propulsion (+3)', and 'since 2019'. The search results are displayed in a list format, including a bar chart for 'Time' and a list of 'Missions' and 'Authors'.

**Refine**

search on filters

- File 183
- Webpage 83
- Book 2

Time  x

filter by date (ex. March)

Jan 2019 Aug 2020

**Missions** + ▾

- Mars Express 92
- Mars Pathfinder 42
- Mars Odyssey 17
- Mars Exploration R... 15

**Authors** + ^

**Search Results**

Mars was recognized as Planet, search for 'mars' instead?  
since 2019 was recognized as a time filter, search for the text instead?

**Mars Ascent Vehicle Solid Propulsion Configuration**

As part of a Mars Sample Return (MSR) campaign, two Mars Ascent Vehicle (MAV) configurations have been designed in parallel. Each ascent vehicle configuration has a different **propulsion system** which ultimately leads to two unique vehicle designs. ... The selection will be made in November 2019. Although the initial MSR architecture called for a hybrid-based **propulsion** MAV featuring solid wax fuel with liquid oxidizer, a configuration using more traditional solid propulsion was developed as an additional risk mitigation option.

**Mars Ascent Vehicle Hybrid Propulsion Configuration**

**Uncertainty in Electric Propulsion Erosion Measurements**

Uncertainty in erosion rates as measured by different methods is discussed and quantified. The work focuses on case studies from components on the Hall Effect Rocket with Magnetic Shielding (HERMeS) Hall thruster, but the methods can be extended for many **electric propulsion** applications. The primary method used for evaluating erosion is non-contact profilometry of masked and exposed components. Accurate quantification of the erosion rates of components is critical to determining lifetime and is therefore critical to mission planning.

## Hassle-free setup & maintenance

Installation and data import can be done in days, and a fully custom configuration usually takes just a week or two.

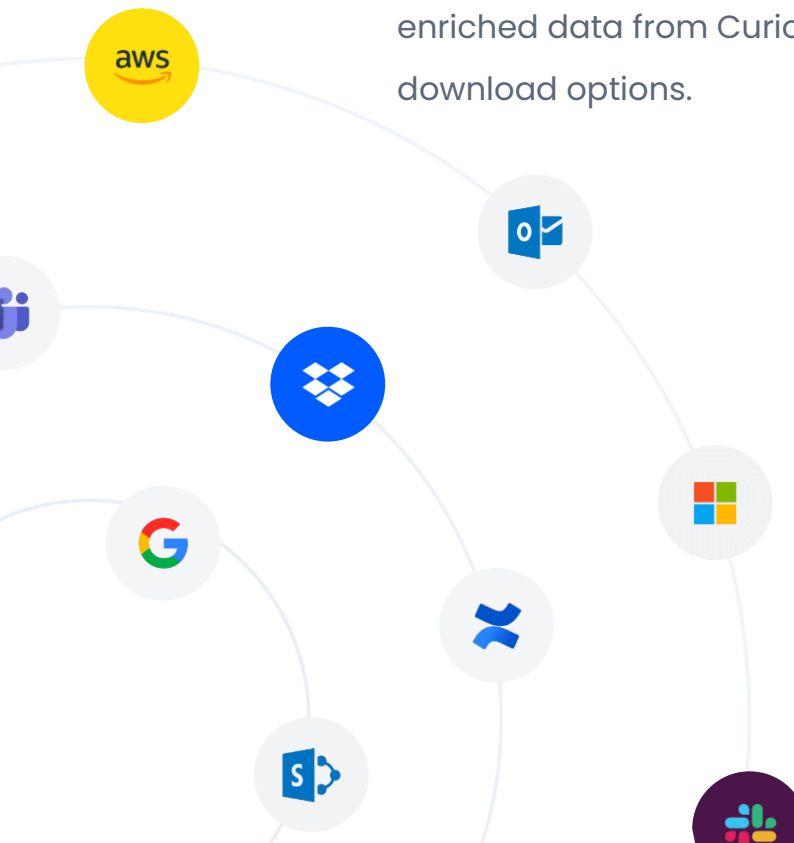
Curiosity also lets teams customize the knowledge graph and user interfaces to suit their data and needs using built-in configuration options directly from the browser (no code).

## Enterprise-grade security

Curiosity has your data security at its core. Users only see information where they have permission, with a graph-native access permission model that is flexible, easy to understand and tightly integrated in the system. Under the hood, all your data is encrypted using the industry standard AES256, so that nothing hits the disk without being duly protected. Curiosity also supports on-premise installations, so all your data stays safe within your environment.

## Data connectors & Custom APIs

Enterprise data can be all over the place. Curiosity supports many data-connectors out of the box, and can easily be extended to your internal data sources with an uncomplicated data ingestion API and native graph-based access management. Easily write data-ingestion jobs from your existing systems, and whenever needed, export the enriched data from Curiosity using a custom endpoint or bulk download options.



## About Curiosity

Founded in 2018 by industry veterans Leon Zucchini and Rafael Oliveira, Curiosity is headquartered in Munich, Germany. Curiosity's search systems empower teams across the world, supporting employees in companies like Airbus, Siemens, and Telefonica on their daily jobs.

Curiosity's search technology uses Artificial Intelligence to connect information to a Knowledge Graph and support users navigating the ever-increasing enterprise knowledge. It's easy to set up for each individual team and always ensures full data security. For Curiosity's customers, that means higher productivity, better decisions, and happier teams.



For more information, visit our website at <https://curiosity.ai>