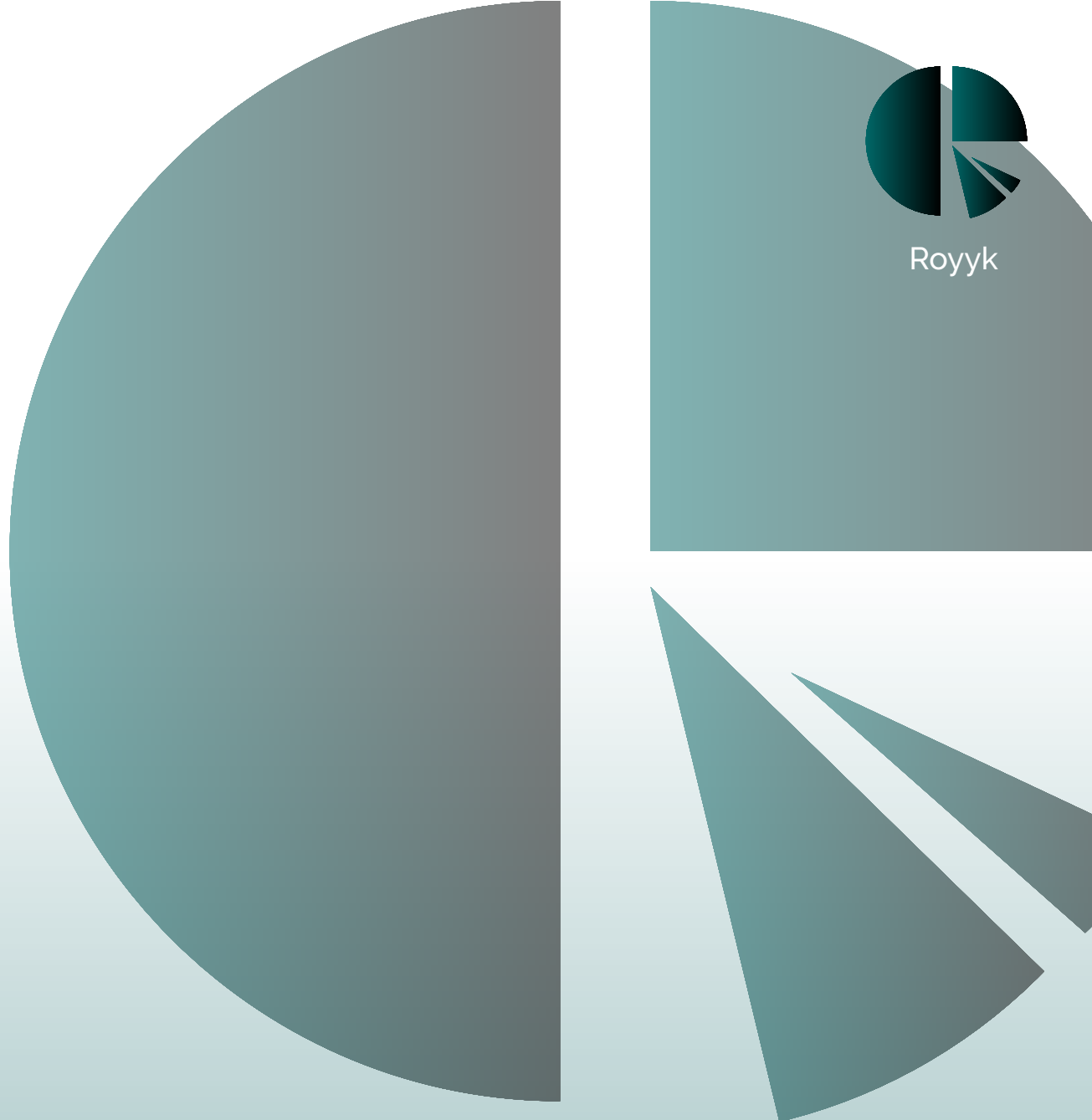




Romyk



CASE STUDY

The Company Brain

40 YEARS OF EXPERTISE. ANSWERED IN SECONDS.

The Client:

Engineering Firm

Engagement:

AI knowledge assistant

Sector:

Heavy Industry & field engineering

Built on:

The client's existing drive

The Problem

The firm's founder — Bill, who had personally solved thousands of field problems across a 40-year career, was stepping back. His knowledge was irreplaceable, but it had never been written down in any one place. It was scattered across thousands of documents, project transcripts, datasheets and photographs, and held in his memory. Other engineers knowledge and projects was all lost in the chaos too.

For the team, that meant:

- Answers depended on interrupting one or two busy senior people, a daily bottleneck.
- Engineers lost hours hunting through thousands of files for the right datasheet or precedent or previous project.
- Every retirement risked taking decades of institutional knowledge out the door, for good.

The Project

Royyk partnered with a specialist industrial engineering firm to solve a problem every expertise-led business eventually faces: what happens when decades of hard-won knowledge live inside a few people's heads and those people move on.

Over a focused build, Royyk designed, built and deployed Ask Bill, a private AI assistant that reads the company's entire knowledge base and answers technical questions in the voice of its most experienced engineer. It also answers technical questions by referencing previous projects and can provide imagery when necessary.

A vast, messy, unlabelled archive

The knowledge existed — but it was enormous and disorganised. To be trusted, the assistant had to find the right answer, in the right voice, every single time, and never invent one.

1

65,000+ documents across multiple Google Drives, in dozens of formats — reports, transcripts, datasheets and more.

2

32,000+ photographs, most with meaningless filenames like 1129973972.jpg — impossible to search.

3

Decades of overlap, where some files were current best practice and others were long out of date and must never be quoted.

What ASK Bill had to deliver

- Answer technical questions in Bill's own voice and to his standards.
- Draw only on the company's real documents and cites the exact sources every time.
- Never rely on outdated or superseded material.
- Be searchable by the whole team, securely, from anywhere and is GDPR compliant.
- Require zero change to how the team already stores its files.
- Surface the right photo from 32,000+ unlabelled images from a plain-English description.
- Reply in the user's own language English or Spanish, however they ask.
- Stay current automatically as files are added or updated, no manual upkeep.

Meet the company brain

Royyk built Ask Bill to sit quietly on top of the knowledge the company already had — and make all of it instantly askable. No migration. No reorganising. No new habits.

Works from your existing files.

Ask Bill connects directly to the company's existing Google Drive and reads everything in it, keeping itself up to date as new files are added. Nothing had to be moved or renamed.

Answers in Bill's voice

Ask Bill was tuned so Bill's own transcripts lead every answer, backed by datasheets and proven project examples. It cites the exact documents it used, so engineers can trust and verify, not guess.

Find any photo by describing it

Need a picture of a specific defect? Type what you're looking for in plain English. Ask Bill understands the content of 32,000+ images and surfaces the right one no filenames required.

Private, Secure, and Live

A secure staff login keeps the knowledge inside the company. Ask Bill runs as a web app, available to the whole team from any device and it's already in production.

Picks up where you left off

Ask follow-up questions in plain conversation — Ask Bill keeps the thread, so you can dig deeper without starting over. Your past chats are saved, so you can revisit an answer or carry on later.

The headache it takes away

Before

- 30 minutes hunting through folders for one answer
- Knowledge locked in one person's head
- 32,000 photos no one could find
- Expertise walks out the door at retirement
- 65,000 documents in a state of chaos and impossible to find.

With ASK Bill

- An accurate, sourced answer in seconds
- Available to the whole team, 24/7
- Any image found just by describing it
- Decades of knowledge captured and preserved
- Information and projects that can help engineers make more informed decisions.

Work with Royyk

Your business is full of expertise that's hard to scale and easy to lose.

Royyk builds AI and knowledge tools that capture it, organise it, and put it to work.

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