



Mining a wealth of relevant data for insight and innovation

SEC 1.01 AG accelerates discovery and indexing results with its i5 Search Appliance built on HPE IDOL, enabling a 360-degree view of business-related information

Objective

Help customers make enlightened business decisions by providing quick search results of relevant intra-company and external information

Approach

Provide an easy-to-use analytical platform with a premier interface and sophisticated connectors to enable comprehensive information discovery

IT matters

- Saves search terms/criteria to automatically deliver information, helping users to be informed on defined topics
- Provides a single user interface that streamlines data from more than 1,000 file formats
- Supports mapped document security, which limits access to sensitive internal documents
- Delivers new information immediately via PCs and mobile devices, giving users prompt access to updated information
- Supports 150 languages and metadata filtering, which helps users capture relevant information and related concepts

Business matters

- Reduces the time spent searching for information by 50%, permitting more focus on the business and high-value objectives
- Fosters strong decision-making by enabling users to uncover patterns, meaning, and concepts in both structured and unstructured data
- Allows information discovery from 400 data sources and formats, giving users a full-circle view of relevant data

A gold mine of data hides within most enterprises. Precious nuggets reside in emails, databases, and podcasts. Uncovering those trinkets can prompt a novel idea or money-making product. Outside of the company, business news can help employees spot a trend, tamp down an issue, or figure out the way forward. However, the challenge lies in the time consumed probing colossal volumes of unfiltered, unrelated news and data. Little wonder that businesses yearn for ways to conduct meaningful searches and tap the results they really need.

Giving them that golden opportunity is Switzerland-based Systematic Engineering and Consulting or SEC 1.01 AG. An HPE partner for 26 years and system integrator for major IT providers, SEC has implemented business-critical solutions for health, finance, government, transportation, education, utility, and telecommunications customers. The firm leverages the searching and indexing capabilities of the HPE IDOL

Information & Data Analytics platform to drive its i5 Appliance search engine. SEC's i5 Appliance enables comprehensive discovery of internal company information from 400 data sources—whether in file share, database, SharePoint, Microsoft Exchange Server email, or numerous other formats. Additionally, the i5 Appliance searches data on news websites, online newspapers, governmental information, and social media channels.

“A lot of companies don't have a way to find important business-related information quickly through one interface and get a 360-degree view of a topic,” says David Meyer, SEC's Chief Technology Officer. “With our i5 Appliance built on HPE IDOL software, company personnel can search for any information they are interested in, save the search details without having to search every day, and receive immediate notification of any new information that surfaces.”

They have access to that information wherever they are—through their PCs or mobile devices. We've cut the time spent searching for information in half.”

Discover the unknown unknowns

According to Meyer, HPE IDOL software provides an easy-to-use, indexing platform for efficient information management.

“We saw that Gartner ranked HP IDOL as the best enterprise search platform,” Meyer notes. “There are capabilities to transform speech to text, analyze images, and conduct OCR (optical character reader) on images and PDFs.”

SEC enhanced and developed a number of application programming interfaces (APIs) to ensure high levels of operability and stability on its i5 Appliance. Meyer says, “We acquired substantial software capabilities on the IDOL platform to build an appliance that we can install in one or two days at a customer site. I see our competitors trying to parcel open source products together, but IDOL is already there with a complete ecosystem of needed components.”

Along with an application agent that saves search criteria and automatically delivers the information, SEC designed a single interface in its i5 Appliance to streamline data from more than 1,000 file formats. The i5 Appliance based on HPE IDOL also supports 150 languages, metadata filtering, and mapped document security, which limits access to sensitive internal documents.

“HPE IDOL helps with concept extraction, filtering, statistics, and linguistic differences,” Meyer explains, “so it can understand human information and provide related concepts. You can find things you weren't searching for or that you didn't know were related. It helps discover the unknown unknowns.”

News they can use

A Switzerland economic forum secured an SEC i5 Appliance to provide rapid results for its conference attendees searching through meeting presentations, speeches, and archives. The i5 Appliance is prized for being able to locate specific speech and text in videos, photographs, and podcasts.

SmartInfo, another SEC customer, employs the i5 Appliance in its news subscription service. No need for customers to watch many news broadcasts and read numerous newspapers daily. They get informed of pertinent news on all sources, including print, audio, video, or social media.

“The feedback we've received is there is no other engine that provides a comprehensive view of the Swiss information market,” Meyer comments. “That means our search engine can be a lead generation engine also. Making decisions and generating leads are always based on being well informed.”

SEC uses its own i5 Appliance mainly for demonstrating search capabilities to potential customers. It operates on two HPE ProLiant DL380 servers and HPE 3PAR Storage. SEC logs user activities and queries in an HPE Vertica database. Built on the database is a dashboard enabled by a Logi Analytics self-service analytics portal.

Like its customers, SEC considers the i5 Appliance based on HPE IDOL a valuable tool for building efficiency in decision-making and gaining insights into what actions to take.

“When you don't spend a lot of time capturing information from everywhere and you can find everything in a short time, you have strong performance in making decisions. We enable customers to focus more on their business by providing them with an

Customer at a glance

Industry

- Information Technology

Primary software

- HPE IDOL Information & Data Analytics Platform
- HPE Vertica Analytics Platform

Primary hardware

- HPE ProLiant DL380 servers (2)
- HPE 3PAR StoreServ Storage

engine to search documents and relevant information,” Meyer concludes.



“When you have a 360-degree view of relevant information, you can gain time and money. We enable customers to focus more on their business because we provide them with a search engine built on the amazing functionality of the HPE IDOL solution.”

– David Meyer, Chief Technology Officer, SEC 1.01 AG

Learn more at
hpe.com/IDOL