



VENDOR PROFILE

Komprise: Unstructured Data Management v1.0

A GigaOm Key Criteria Report

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TOPIC: **UNSTRUCTURED DATA MANAGEMENT**



Komprise: Unstructured Data Management

A *GigaOm Key Criteria Report*

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1. Summary

Komprise is a compelling data management platform that boasts an analytics-focused approach, ease of management, and transparent data movement technology to enable a very quick return on investment (ROI) and improved total cost of ownership (TCO) for the entire file storage infrastructure. Initially aimed at some of the biggest pain points in large-scale file storage infrastructures, the Komprise solution has evolved and is now able to provide enhanced data analytics, search, and tagging, as well as build virtual data lakes.

Understanding what is stored in the storage infrastructure, especially in large ones, helps drive informed decision making and planning around data protection and placement. In this regard, Komprise offers the ability to define automation policies and move data (archive, migrate, replicate) seamlessly across different storage tiers, including file and object storage targets, enabling the user to offload data from primary storage while keeping processes and user experience intact. By operating in this way, the user can save money on primary and expensive data storage and have better control over data and protection policies while keeping an eye on data growth and access pattern trends.

Komprise: A GigaOm Leader in Unstructured Data Management

GigaOm recently completed an in-depth market sector report titled, "[GigaOm Radar for Unstructured Data Management](#)," which assessed solutions from 16 vendors over a range of criteria and metrics. Now in this vendor profile report, we provide a deeper dive into the unstructured data management solution provided by Komprise.

Our findings: Komprise is an easy to deploy and manage SaaS-based solution that is compatible with any NFS and SMB network share, be it on-premises or in the public cloud. It is also compatible with S3 object stores. The solution can be installed in minutes and starts to produce initial reports and insights into optimized data placement within just a few hours.

Table 1 shows how Komprise performed across our various market- and deployment-focused criteria in the GigaOm Radar report. Large enterprises and, in general, users with large storage infrastructures will tend to benefit most from the Komprise solution.

	MARKET SEGMENT				FOCUS		DEPLOYMENT MODEL	
	Small/Medium Enterprise	Large Enterprise	Specialized	Infrastructure	Business	On-Premises	SaaS	
Komprise	+	+++	+	+++	+	+	+++	

+++ Strong focus and perfect fit of the solution
 ++ The solution is good in this area, but there is still room for improvement
 + The solution has limitations and a narrow set of use cases
 - Not applicable or absent.

Source: GigaOm 2020

Table 1. Market Focus and Deployment Models

The company has shown that it can deliver quick ROI to customers, especially while advancing the development of sophisticated, business-oriented features. The result is a solution that is broadening in appeal. Behind this success: a customer-driven and forward-looking strategy driving the development of new product capabilities.

HOW TO READ THIS REPORT

This GigaOm report is one of a series of documents that helps IT organizations assess competing solutions in the context of well-defined features and criteria. For a fuller understanding consider reviewing the following reports:

Key Criteria report: A detailed market sector analysis that assesses the impact that key product features and criteria have on top-line solution characteristics—such as scalability, performance, and TCO—that drive purchase decisions.

GigaOm Radar report: A forward-looking analysis that plots the relative value and progression of vendor solutions along multiple axes based on strategy and execution. The Radar report includes a breakdown of each vendor's offering in the sector.

Vendor Profile: An in-depth vendor analysis that builds on the framework developed in the Key Criteria and Radar reports to assess a company's engagement within a technology sector. This analysis includes forward-looking guidance around both strategy and product.

2. Key Criteria Analysis

Our examination of the Unstructured Data Management sector focused on five differentiating product features—our *key criteria*—in assessing solutions in the market. As **Table 2** shows:

	KEY CRITERIA				
	Global & Content Search	Big Data Analytics	Compliance & Security	Third-Party Integration	App Marketplace
Komprise	++	+	++	+++	-
+++ Strong focus and perfect fit of the solution ++ The solution is good in this area, but there is still room for improvement + The solution has limitations and a narrow set of use cases - Not applicable or absent.					

Source: GigaOm 2020

Table 2. Key Criteria Scoring for Komprise

Once deployed, Komprise starts its activity by scanning the entire file and object storage estate, both on-premises and in the cloud. The tool gathers and analyzes the file's metadata to understand how it's used in the storage infrastructure. Quick insights and reports are available within a few hours, while a continuous, out-of-band metadata collection process enables global search capabilities across all file repositories, among other innovative capabilities.

Komprise provides a set of pre-configured and customizable dashboards and reports that can help administrators and business owners decide where to place data depending on a variety of metrics, including how often it is accessed. This supports planning for capacity and system longevity or selecting the right storage system to optimize storage spending without impacting production workflows. Current and forecasted infrastructure costs are neatly reported from the user interface. A role-based access control (RBAC) mechanism allows different personas in the organization to access and operate the system safely.

Data movements are performed automatically and seamlessly. End users will maintain a consistent user experience without any changes to business processes and without needing to install any software on PCs or servers. Data is not modified in the process, and once moved to another location, all links are created following industry standards to avoid any form of lock-in. Additionally, the recently announced migration tool allows users to decommission old storage systems quickly, safely, and with minimal impact on production.

The Komprise data management platform can virtually aggregate and extract data from user-defined

queries. The goal is to build virtual data lakes aimed at serving different use cases and applications, including:

- Data reuse for big data and AI-based applications
- Legal holdings
- Auditing and compliance checks
- Security checks

Komprise is also building a compelling solution ecosystem that includes integrations with major cloud service providers and file and object storage vendors. The solution is offered by partners and resellers across the globe to ease the migration path to new storage systems, create transparent archiving systems, and improve overall infrastructure efficiency and cost of ownership through the orchestration of multiple storage resources.

Komprise doesn't offer an integrated marketplace for external applications, but it exposes a complete set of APIs available to extend product functionality and integrate with other applications. The user-friendly and transparent subscription policy is another aspect particularly appreciated by users.

3. Evaluation Metrics Analysis

Our examination of the Unstructured Data Management sector identified six top-level considerations—what we call *evaluation metrics*—that offer insight into the value solutions may have in the organization. As **Table 3** shows, Komprise excelled almost across the board in these considerations, helping propel Komprise to a leader position in the Radar report.

EVALUATION METRICS						
	Architecture	Scalability	Flexibility	Performance	Manageability & Ease of Use	TCO
Komprise	+++	++	+++	+++	+++	+++
+++ Strong focus and perfect fit of the solution ++ The solution is good in this area, but there is still room for improvement + The solution has limitations and a narrow set of use cases - Not applicable or absent.						

Source: GigaOm 2020

Table 3. Evaluation Metrics Scoring for Komprise

The Komprise architecture has a clean and modern design. It is based on a SaaS back end where all the most important activity is performed. A small virtual appliance, deployed on-premises, handles data discovery, collection, and movement. This architecture approach minimizes management while ensuring that the back end is always updated with the latest features and is responsive and accessible from everywhere. Komprise is based on high-security standards and is designed to keep the user always in control over data and storage systems.

This solution is scalable as well—all major operations are performed out-of-band while the virtual appliance can be deployed in a scale-out fashion. Most of the Komprise platform deployments are distributed environments in the multi-petabyte range—proof of the platform’s impressive scalability.

Komprise can work with SMB and NFS shares as well as object storage repositories both for primary and secondary storage targets, moving data seamlessly across them. Storage systems can be distributed in different locations and in the cloud to maximize flexibility. The user is free to customize multiple aspects of the product, including data visualization and reporting and data movement policies complying with business requirements in the organization.

Komprise offers opportunities to optimize storage infrastructure performance by enabling users to leverage indexed and analyzed data and make more efficient use of storage resources. An additional benefit comes from the reduced backup window needed to protect primary systems. Offloading data to secondary, highly redundant and resilient systems, such as object storage, reduces the amount of data to backup and saves both time and resources, which can be used for other jobs.

Another key aspect of Komprise is its ease of use, making it accessible to a broad range of roles in the organization. The web user interface is simple and provides all the necessary dashboards to grasp what is happening, while sophisticated and customizable reporting satisfies more demanding business users. As previously mentioned, the deployment process is straightforward, and the application provides insights within a few hours. The APIs are well documented and allow users to integrate the product with other applications quickly.

Organizations working with Komprise have reported improvement in both TCO and ROI after adoption. In general, the more storage capacity under management, the bigger the savings. And TCO is further enhanced over the medium and long term through better capacity planning and storage infrastructure optimization—both outgrowths of improved visibility into stored data.

4. Bottom Line

The increasing size of storage systems dedicated to unstructured data has moved enterprises to explore management solutions that can minimize cost and increase control over critical security and compliance aspects of their storage infrastructures. The search for solutions becomes increasingly urgent as the amount of data created by humans and machines outstrips traditional systems' ability to manage it.

Komprise takes an analytics-based approach to this challenge, enabling users to understand the entire data estate and organize it more efficiently across various on-premises and cloud storage tiers. The solution can seamlessly optimize the storage infrastructure while improving the ability to reuse data and increase its value over time.

Komprise has been steadily expanding the number of use cases for its solution. However, some applications (such as content indexing and search, security, and data governance) are still to be explored.

In the end, Komprise offers a simple, subscription-based licensing model with impressive ease of adoption and use and with immediate and tangible benefits in the form of rapid ROI. Komprise further promises significant cost savings and welcomes improvements in infrastructure TCO.

5. About Enrico Signoretti



Enrico has 25+ years of industry experience in technical product strategy and management roles. He has advised mid-market and large enterprises across numerous industries and software companies ranging from small ISVs to large providers.

Enrico is an internationally renowned visionary author, blogger, and speaker on the topic of data storage. He has tracked the changes in the storage industry as a Gigaom Research Analyst, Independent Analyst and contributor to the Register.

6. About GigaOm

GigaOm provides technical, operational, and business advice for IT's strategic digital enterprise and business initiatives. Enterprise business leaders, CIOs, and technology organizations partner with GigaOm for practical, actionable, strategic, and visionary advice for modernizing and transforming their business. GigaOm's advice empowers enterprises to successfully compete in an increasingly complicated business atmosphere that requires a solid understanding of constantly changing customer demands.

GigaOm works directly with enterprises both inside and outside of the IT organization to apply proven research and methodologies designed to avoid pitfalls and roadblocks while balancing risk and innovation. Research methodologies include but are not limited to adoption and benchmarking surveys, use cases, interviews, ROI/TCO, market landscapes, strategic trends, and technical benchmarks. Our analysts possess 20+ years of experience advising a spectrum of clients from early adopters to mainstream enterprises.

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