Paravision Search BETA
Scalable, Elastic, Enterprise-Grade Image Search

Paravision Search takes Paravision Face Recognition, which has been available until now as an SDK or discrete docker-based matcher, and integrates it into a true enterprise-grade search system. This includes massive scalability, supporting both very large databases and extreme request concurrency. It also includes native elasticity, allowing Paravision partners to adjust compute resources to meet real-time demands for peak traffic or quiet periods.

Paravision Search integrates sophisticated gallery management, enabling definition of sub-galleries and focused search. This allows for better speed and accuracy optimization when full database search isn't necessary: for instance, when date, geography, or authorization can be added as search criteria for common customer experience use cases like air travel, stadium access, or payments.

Meanwhile, Paravision Search is designed to be easy-to-deploy and manage for systems administrators. Integrated health management, performance monitoring, and other dashboards deliver the modern user experience IT professionals demand.

Paravision Face Recognition

Paravision Search is powered by Paravision Face Recognition, which has been repeatedly recognized by NIST FRVT as a top global provider and the most accurate U.S.-based face recognition technology provider across all use cases, including 1:1 verification and 1:N identification, including multi-million record databases, performance by age, performance with face masks, and the full range of image quality characteristics, from passport-quality to fully unconstrained images.

Commitment to Open Systems Architecture

Paravision Search doesn't replace Paravision's other face recognition products. It is simply a more sophisticated embodiment of the same technology for partners looking for a fully-integrated, enterprise grade face search capability out-of-the-box. Paravision remains fully committed to an Open Systems Architecture, and to offering partners SDKs, discrete Docker containers, or full Search capabilities, all of which are API-driven. Paravision powers its partners with world-class face recognition technology in a way that fits their technical expertise and deployment goals, supporting transformative solutions for the next generation identity, security, efficiency, and user experiences.

Beyond Faces

While Paravision Search is focused today on enabling enterprise-grade face matching, the foundational enabling technology is AI vector search. With this in mind, Paravision Search can be rapidly adapted to other image search applications. Contact us for more information about image search beyond faces.

Supported Cloud Platforms and Computing Environments

Paravision Search utilizes the latest technologies, allowing for flexibility in deployment methodologies. Search can be deployed on-premise or within a cloud service. Moreover, Paravision Search cloud configuration enables you to use the efficiency of elasticity from a cost and performance perspective.

On-Premise / Private Cloud	Google Cloud Platform	Amazon Web Services	Microsoft Azure
		aws	Azure

System Architecture