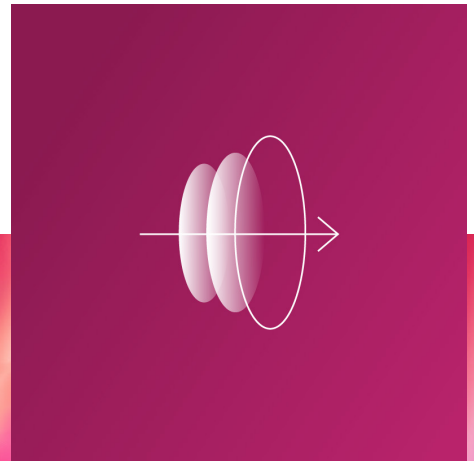




Discover i-Pharos: Italtel's Analytics and Observability Platform

Innovation and Security for Your Business



Unlock the Potential of Your Data

Solutions for Enterprises

Italtel is at the forefront of business development and digital transformation, offering advanced services in key areas such as analytics & automation, cybersecurity, managed services, and networking.

We ensure the operational continuity of our customers' infrastructures with complete security.

Extract Value from Data

One of the flagship solutions in our portfolio is the i-Pharos analytics and observability product.

This tool enables the monitoring of network infrastructures and overlaying services, allowing timely identification of potential risks before they can impact the business.

i-Pharos is an open and versatile solution, designed to ensure maximum efficiency and operational security.



i-Pharos: The Data Monitoring Revolution

i-Pharos is a fully modular platform, entirely designed and developed by Italtel. This tool enables the monitoring of network infrastructures and overlaying services, allowing timely identification of potential risks before they can impact the business. Additionally, through automation tools, it supports proactive and continuous optimization.

i-Pharos is an open and versatile solution, designed to ensure maximum efficiency and operational security.

Key Features of i-Pharos

i-Pharos is an agnostic platform: it can be used in multi-domain environments and across every market vertical. The main features of i-Pharos are:

- **Flexibility:** allows the creation of customized solutions based on the actual needs of the customers.
- **Modularity:** designed to be used either as a complete suite or by installing only the necessary modules, adapting precisely to the customer's specific needs.
- **Scalability:** able to scale to accommodate the growth of data volumes and the complexity of networks / environments / data.
- **Microservices Architecture:** the microservices architecture isolates individual components, simplifying deployment and management.
- **Flexible Deployment:** i-Pharos can be deployed both on-premises and in the cloud, offering maximum flexibility.
- **Integration:** the platform easily integrates with the customer's existing infrastructure and systems, thanks to its modular nature and Italtel's integration expertise.
- **Advanced Visualization:** i-Pharos offers dynamic and interactive dashboards to monitor and analyze data in real-time.
- **Log Management:** the Log Collector module collects logs from various components and makes them available in a standardized format, facilitating management and analysis.

The Pillars of i-Pharos

i-Pharos represents the synthesis—designed and implemented using modern and cutting-edge technologies—of a series of successful projects developed by Italtel in the field of Analytics and Observability, applied across various business sizes and market verticals. The following list is representative but not exhaustive:

- A leading Italian telecommunications service provider used the data warehouse platform to analyze traffic and identify phenomena and behaviors through customized analysis models. This platform is used by various company departments, including Operations, Network Planning, Marketing, Finance, and Customer Care. Additionally, it manages a centralized archive documenting all voice and data communications originated and/or terminated on the customer's network.
- A performance management platform for services in near real-time, aimed at improving customer satisfaction and preventing complaints. The system manages the performance of innovative voice services by collecting measurements at various points along the service delivery chain.
- A solution for the rapid detection and resolution of discrepancies in customer configuration and traffic data, aimed at preventing revenue loss, with intuitive tools and a customer-centric focus..
- A leading Italian telecommunications service provider used the platform to assess the perceived quality of residential Wi-Fi services. The system monitors network performance by generating and analyzing artificial traffic injected by agents simulating end-user behavior when accessing video and data content and services.
- A monitoring and log analysis solution supporting troubleshooting processes related to the 5G backbone of a major company in the Energy sector.
- Element Manager of Italtel's proprietary products, enhanced to also integrate monitoring features for UCC infrastructure from other best-of-breed brands in the industry (Cisco, MS Teams, Avaya, Pexip). It ensures a user experience consistent with the existing one and operates transparently towards the Northbound interfaces of OSS and BSS systems used by customers' IT departments.

A Future with No Surprises

i-Pharos is a platform that not only monitors your network but also anticipates issues before they occur, offering a clear and detailed view of your infrastructure.

Transform Data into Value

i-Pharos is more than just an analytics platform; it's a solution that transforms data into value, enabling not only problem-solving and prevention but also seizing new opportunities through data capitalization.

Contact us to discover how i-Pharos can revolutionize data monitoring and management in your company.

The Value of Italtel

Italtel boasts consolidated experience in digital networks and their management, with deep expertise (design, implementation, integration, maintenance, evolution) that places it as a key player

among companies specialized in IT/Telco networks and their management. This expertise allows Italtel to be present in the market with:

Knowledge of Application Domains and Technologies

Italtel has in-depth knowledge, applied in many successful projects, of application domains and technologies, with a constant focus on innovation.

Understanding of Environments

Italtel understands customers' needs and directs solutions accordingly, also thanks to its knowledge of Networks – Italtel has been designing telecommunications networks for 100 years.

Understanding Customer Needs

Ability to support customers throughout the entire journey of defining the right path based on their goals, with a fully personalized and tailored approach.

Adoption of agile methodologies in the software lifecycle

Familiarity with and adoption of DevOps methodologies ensure successful delivery within defined timelines.

References

Italtel's design capabilities are proven by numerous references, which can be found on the website www.italtel.com.

