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VITALUM

Get Started Today.

The Intelligence Layer for Next-Gen Healthcare



Vitalum.io – Lite Paper

About Us

Vitalum.io is an AI-native healthcare technology company delivering advanced diagnostic, telemedicine, and workflow automation solutions. Our goal is to make precision healthcare accessible worldwide by uniting proprietary AI products into one connected ecosystem.

At the center of this ecosystem is **Pharmia AI**, our flagship product that redefines how patients and healthcare professionals connect. Surrounding Pharmia AI are specialized platforms for radiology, dental labs, and patient engagement, all designed to make healthcare smarter, faster, and more reliable.

Flagship Product: Pharmia AI

Pharmia AI is a proprietary healthcare assistant that acts as the digital front door to Vitalum-

- Patients can talk to Pharmia AI for guidance and receive accurate answers instantly.
 - If further support is required, Pharmia AI connects patients directly with real doctors and dentists.
 - Dentists and healthcare providers can register on Pharmia AI to receive referrals and extend their reach.
 - Available 24/7, Pharmia AI improves access to care, especially in regions where healthcare professionals are limited
 - PharmiaAI reduces waiting times, builds patient trust, and helps doctors grow their practices while giving patients a safe and reliable first point of contact
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Supporting Solutions

- **SmileVision AI (OPG Radiology)**

Automated analysis of panoramic dental X-rays with instant reports for caries, bone loss, and other conditions.

- **Dental LabLINK**

A digital platform that connects dental clinics with labs, enabling real-time case submission, approvals, and tracking.

- **SmileGeni**

An AI-powered smile simulation and aligner planning tool that helps patients visualize results and boosts case acceptance.

- **CBCT Segmentation (in development)**

Automated segmentation of 3D Cone Beam CT scans for surgical planning, implantology, and orthodontics.

- **Smile Design Fusion**

AI Combines 3D face scans with CBCT data to create precise, patient-specific smile designs.

- **Practice and Supply Management Tools**

Online inventory management and integrated ordering systems that keep clinics efficient and fully stocked.

Real-World Applications

- **For Patients:** Immediate and reliable answers through Pharmia AI, access to teledentistry, and clear connections to specialists.
 - **For Dentists and Clinics:** Faster diagnostics, improved workflows, and higher treatment acceptance through visualization tools.
 - **For Labs:** Streamlined communication, reduced case errors, and better scalability.
 - **For Healthcare Systems:** Cost savings, improved accuracy, and AI-driven solutions that can be deployed at scale
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Why Vitalum.io

- Proprietary flagship AI with Pharmia at its core
- A suite of tested healthcare products ready for use
- Expanding adoption across clinics, labs, and telehealth networks
- Focused on improving access to advanced healthcare in both developed and emerging markets

Conclusion

Vitalum.io is shaping the future of healthcare delivery with Pharmia AI as its foundation. By combining AI-powered access, imaging, lab connectivity, and patient engagement, Vitalum creates an ecosystem where doctors, labs, and patients interact seamlessly.

Healthcare with Vitalum becomes intelligent, accessible, and patient-centered.

