

AI-SOLUTIONS

Overview

AI services for Defence, Civil, and Enterprise sectors improve communication, efficiency, and decision-making. Solutions like Prasikshan.AI and Antarbhashi.AI enhance multilingual communication in defence, while Sandarbsh.AI simplifies access to technical knowledge. Yatri.AI supports seamless customer service in the civil sector, and in enterprises optimize communication and productivity.



1st Navratna Defence PSU to Achieve CMMI-Dev 2.0 L5 & CERT-In Empanelment
Unified QMS with ISO 9001: 2015, IEEE 12207: 2008 & CMMI-Dev 2.0 L5

"Product Uniqueness"

- ◆ Commitment to never transmit user data off the device, coupled with tamper-proof access, offering unparalleled data privacy and auditability.
- ◆ Works seamlessly with existing tools.
- ◆ Transforms raw data into actionable intelligence.
- ◆ A complete offline (No Internet required) solutions which can be deployed as On premise server client as well as its cloud compatible.

Contact Us

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AI Based

Virtual Assistant & Language Translation Solutions

"Redefining the Future through AI"

BHARAT ELECTRONICS LIMITED (BEL) is Navratna PSU under the Ministry of Defence, Government of India. It manufactures state of the art electronics products and systems for Defence and Non defence Domains. Software solutions for these systems are realised using cutting edge tools and technologies at Software Strategic Business Unit.

SOFTWARE SBU with technically competent resources has been developing AI Based solutions for challenging operational environments. Software SBU is diversified into latest technology domains and also provides Software Assurance Services.



Prasikshan.AI

“Breaking Language Barriers”



Prasikshan.AI is an offline, AI-powered multilingual translation solution supporting foreign students at Indian Military training schools



It provides real-time transcription and translation, eliminating language barriers for effective communication between instructors and trainees.



Tailored for non-English and limited-English speakers. AI ensures seamless learning and information integrity.



Supporting seven languages—Sinhalese (Sri Lanka), Bengali (Bangladesh), Dhivehi, Russian (Kazakhstan), Burmese (Myanmar), French (Mauritius), and Vietnamese (Vietnam).



AI enhances training efficiency and fosters collaboration in the Armed Forces.



Yatri.AI

“Your Bridge to the World”

Yatri.AI is an offline, AI-powered language translation solution designed for commercial use.

It enables seamless communication between helpdesk operators and passengers, eliminating language barriers.

With near real-time transcription and translation, Yatri.

AI assists non-native speakers in understanding and responding quickly.

Ideal for diverse environments, Yatri. AI supports four languages: Hindi, Telugu, Tamil, and Kannada.



Sandarbh.AI

“Instant Knowledge, Seamless Operations”



SANDARBH.AI is an offline (no internet) AI-based Interactive Document Management System designed to streamline access to critical technical knowledge within the Indian Navy.



It utilizes Large Language Models (LLMs) and Retrieval-Augmented Generation (RAG) to provide context-aware responses from technical manuals, policy letters, Navy orders, and operational guidelines.



By eliminating manual searches, SANDARBH.AI improves maintenance, defect resolution, and training. Its real-time search capabilities optimize decision-making, boost operational efficiency, and enhance mission readiness.



Antarhashi.AI

“Building Stronger Minds”



Antarhashi.AI is a tool that automatically detects the language of radio intercepts and translates them into English text.



Initially developed to translate Houthi and Arabic radio intercepts, it is now used on naval ships to enhance intelligence and communication.



It offers voice transcription and translation for eight languages: Arabic, Vietnamese, Sinhala, Chinese Mandarin, Thai, Burmese, Bahasa Malaysia, and Bahasa Indonesia. The system improves communication in multicultural and international operations, making coordination easier.

Additionally, it supports Somali and seven other languages from the Indian Ocean Region (IOR), as well as seven coastal languages.

