




अहम् अद्वीत्यम् वयम् ब्रह्मास्मि

“..aham advitiyam,
vayam brahmasmi..”

“Though I am unmatched but it is us,
we, ourselves which complete the world”

2nd verse of Rig Veda





Create an engaging and empowering environment across every aspect of governance

“Vayam provides governments with the means to engage citizens, government agencies and businesses, as well as deliver services to them in a cost effective manner. We use our wide partnerships to simplify digital technology (core infrastructure and applications) to create innovative e-governance models. Governments across the country have deployed our expertise in areas such as administration, public safety, transport, smart cities and digital governance for efficient and scalable services.”

Introduction

- ▶ A global technology services company.
- ▶ Addressing diverse market segments and technology profiles.
- ▶ One-stop shop for Consulting, Software Services and IT Infrastructure needs.

A Shift to Higher Value

In an industry characterized by a relentless cycle of innovation and commoditization, our model for success is that of winning through the path of innovation, reinvention and shift to higher value. As an innovation company, we are continuously reworking and deepening our expertise, both in what we do and in how we do it. The catalyzing nature of the Internet technology has allowed us to design outcome based services and business solutions.

Our competency in the eGovernance, Consulting, Systems Integration & IT enabled Services has been proven in over 400 national - international engagements. In over 15 years of operation, we have steadily increased our offerings from conventional services to innovative value added services. We have brought continuous improvements in quality of the existing system. Our efforts have been acknowledged year on year by a CMMi Dev L5 quality certification since 2004.

Addressing your long-term IT goals

We offer expertise ranging from understanding of enterprise processes and technical solutions, to a host of management services. Some of the contributing factors to our growing business graph include well-equipped technologies, customer empowerment, innovative business and outcome based processes. We cater to diverse market segments such as logistics, education, healthcare, retail, utility, BPO's, banks, police, security agencies, public and private transport operators.

 Spread Across
50 Cities
in India and abroad

 Experience of over
400 IT
and IT Enabled Projects

 Delivering Value Across
360°
of any Business Cycle

 **30% Growth**
year on year since the
last 5 years

Integrating technology,
processes and people to
innovate, intensify and
expand your business.

01 System Integration

Combining complex technologies together to maximize compatibility, interoperability and enterprise wide information integration needs.

02 Software Development Services

Custom Application Development and Maintenance, Integration, Migration and Testing – our services drive efficiency and effectiveness and help you build adaptable platforms for the new social, mobile enterprise.

03 Consulting

Designing strategies and Monitoring Implementation for projects that range from the largest healthcare and insurance guarantee for citizens to the biggest Power Distribution reform across the country.

04 Smart City Solutions

Vayam, a forerunner in Vehicle Tracking and Transit Management System is proud to have done the very first successful BRTS in the country.

05 Analytics

Comprehensive set of services to help harness structured data, improve decision-making, financial management, regulatory compliance and customer service.

06 IT Infrastructure

Our services, solutions and people can build and operate your information infrastructure, while controlling costs. We are enabling businesses to constantly be in a ready state, building business context service delivery and speeding up the delivery by unlocking trapped value.

07 Mobility, Portals and Content Management

Our Mobility, Portal and Management Solutions help ensure that you are serving the content that your customers, employees and partners demand. Solutions include UI design and testing, Web information portals, eCommerce portals and knowledge/information microsites.

08 Security & Surveillance

From Identity & Access Management to Protection & Control of your sensitive information and Intrusion Prevention Solutions, our experiences are a proof of our capability in authentication and prevention systems.

09 Geospatial

Spatial data and its analysis, GPS tracking, Google integration, customized apps, map publishing – name it and we have just the right team to serve you.

10 Business Process

We can help you step-change faster without massive organizational upheaval by being more innovative and efficient than your last arrangement. Focused on outcome, we align people, process and technology in a delivery model combining services such as analytics, reporting, cloud-based IT and data warehousing.

11 Cloud Migration

To cloud or not to cloud. Confused? Let's sit down and explore factors and migration strategies to help you determine whether to move on-premises workloads to the cloud. Portfolio includes Cloud Application, Infrastructure and Software Services.

Reduce
manual tasks
and gain more
flexibility.



Integrate Disparate Information - Automated Route

When it comes to your systems and data, simplifying and automating manual processes can improve consistency and reduce error rates. By creating a standardized catalogue of services accessible through a self-service portal, automation enables users to provision and scale IT resources more efficiently. Vayam can help you simplify and automate, so you can drive productivity benefits while paving the way for technologies like cloud, mobile and analytics.



Experiences

- ▶ **Directorate General of Married Accommodation Project (DG-MAP), Ministry of Defence, India:** Provided turnkey solution for the project lifecycle and asset management of accommodation services to armed personnel across India.
- ▶ **Central Electricity Authority of India (CEA):** Provided complete automation services like datacenter and Web-based MIS application and Web-enabled database environment.
- ▶ **Indian Council of Forestry Research and Education (ICFRE), Uttarakhand:** Assisted in setting up Server Farm and facility management including helpdesk.
- ▶ **e-District for Bihar:** Helped local administration achieve seamless delivery of citizen services, faster processing of public cases/appeals/grievances and dissemination of information.
- ▶ **Himachal Pradesh Board of Secondary Education (HPBoSE):** Provided Management Information System to facilitate having a complete view of the affiliated schools, their students and results.
- ▶ **Syndicate and Canara Bank:** Supplied Finger Print Based Biometric Authorization devices to all the CBS branches of Syndicate Bank and Canara Bank, across the country.
- ▶ **Delhi Police:** Facilitated with an Automated Finger & Palm Print Identification System for storage and retrieval of 4 lakh criminals' data at one central location. A similar module was deployed for their recruitment process for applicant verification.
- ▶ **State Crime Record Bureau (SCRB), Haryana:** Provided Automated Fingerprint Identification System, along with Biometric live scanners.



A one-stop shop to
provide integrated
business and
IT solutions

Software-powered Generation

Vayam has expertise in development and implementation of Bespoke application and ERP implementation.

Our team of experts are highly skilled in Android/iOS, JAVA, .Net, PHP, SAS, SQL Server, SQL BI Tools, My SQL, Postgres, SharePoint, GIS Implementation, Oracle and the likes.



Experiences

- ▶ **Ministry of Health and Family Welfare:** Developed Health Management Information System with a Web-based Data Entry Application that integrates Data Consolidation from various sources. It additionally has functions for Data Warehouse, Data Analysis, Intelligence and Reporting and Performance Management.
- ▶ **Council of Scientific and Industrial Research:** Implemented Finance Automation System increasing its efficiency and staff productivity through improved monitoring and transparency. We further provided a host of web-based benefits through the Management Information System (MIS) Application Software.
- ▶ **Nagaland University:** Assisted in maintaining an automated central system to aid financial solutions.
- ▶ **Sikkim Manipal University of Health, Medical and Technological Sciences:** Developed a Hospital Management System to facilitate in-patient care, OPD Management, ward management and easy monitoring of the entire workflow. It also includes facility management module for streamlining staff not staffs! equipment and HR module to optimize resources.



Business
transformation
in the cognitive
era.



Rethink Performance - Growth

Vayam consultants can help your organization to create new sources of value, digitally reinvent your operations for great efficiency and transform your entire enterprise through cognitive strategies. Through our outcome-focused methodologies, domain skills and deep industry expertise your organization can innovate and grow quickly and decisively. Our specialization in big data and analytics has helped organizations to profoundly alter their business landscape. This is accomplished by leveraging new sources of internal and external information while also simplifying and aligning your data and analytics environment to address opportunities. Our Information Management consultants can enable you to maximize the value of your information assets.

Experiences:

- ▶ **Employees State Insurance Corporation (ESIC):** Facilitated Project Management Offices for Project Panchdeep, a unique healthcare administration program aimed at automating healthcare services to over 6 crore beneficiaries across the country. It is the largest eGovernance project of the country.
- ▶ **Government of West Bengal:** Provided process review, documentation and upgrading of Gram Panchayat Management System (GPMS) software.
- ▶ **Restructured Accelerated Power Development & Reforms Programme, Government of India (R-APDRP):** Helped by providing Project Management Office consultants in 6 states of the country.
- ▶ **Municipal Governance:** Managed PMO services for municipalities of Gwalior and Indore in the state of Madhya Pradesh and DPR preparation for IT innovation for municipalities of Lucknow and Itanagar.
- ▶ **Projects & Development India Limited & Hindustan Insecticides Ltd:** Provided Process Improvement Consultancy.



Smart City: Data-Driven Evolution

Vayam's Smart City solution initiatives include smart transportation, citizen safety and citizen services to facilitate public conveniences, geospatial services, asset management services, smart governance solutions and smart mobility services.

The solution components involve the following:

- 01 Smart Governance
- 02 Citizen's Security
- 03 Smart Transportation
- 04 Smart Waste Management
- 05 Smart People
- 06 Smart Economy
- 07 Geospatial Services

Experiences:

- ▶ **eMunicipalities of Lucknow, Gwalior, Indore and Itanagar:** Provided IT consultancy for eGovernance in Lucknow, Gwalior, Indore and Itanagar.
- ▶ **Nanded Waghala City Municipal Corporation (NWCMC), Maharashtra:** Implemented a GIS-based eMunicipality solution, 'Uddan iMEGA', that won a gold medal in the category of eGovernance for the state in 2014 and helped enhancing revenue of the municipality through tax collection.
- ▶ **Government of Jharkhand:** eMunicipality project in Dhanbad, offering its citizens a seamless govt. experience anytime anywhere.
- ▶ **NOIDA Authority:** Undertook a pilot study for City Surveillance in NOIDA in association with a Korean Company Securo.
- ▶ **Chennai and Kolkata Airport:** Provided supply, installation, testing and commissioning of cameras, workstations and software for Surveillance CCTV (SCCTV) System along with Video Analytics System.
- ▶ **Ahmedabad Janmarg Ltd:** Provided Intelligent Transport Management System for the first successful BRTS of the country. The project won the National Award for Best Mass Transit Rapid System Project-2009 from Government of India.
- ▶ **Chandigarh Transport Undertaking:** Implemented country's first SMS-based travel enquiry system where a VTMS solution was provided to track the city buses. PIS were provided on the bus stops for displaying the expected time of arrival of the buses.



- ▶ **Uttar Pradesh State Road Transport Corporation (UPSRTC):** Enabled ETM-based ticketing for a fleet of state bus service.
- ▶ **Bhopal and Jabalpur Municipal Corporations:** Provided solution for solid waste management by tracking the real time movement of the vehicles via GPS trackers and front-end software.
- ▶ **Scancode AS, Norway:** Created Mobile-based applications for event management.
- ▶ **Greater NOIDA Industrial Development Authority:** Provided a state-of-the-art Geospatial Application, which includes the layer of high resolution satellite imagery, base map prepared through satellite imagery and land use map developed through field survey. We have also developed a Mobile-based application for assessment for the same.
- ▶ **Uttar Pradesh Common Services Centre (UPCSC):** Implemented 16000 Citizen Service Centre portal with Jan Seva Kendra(s) to help people access G2C and B2C services in remote locations using ICT.
- ▶ **New Delhi Municipal Corporation (NDMC):** Developed a revenue-based model of eGovernance to strengthen its revenue stream out of eMunicipality services.
- ▶ **Greater Hyderabad Municipal Corporation:** Developed Property Management System Application.
- ▶ **Kolkata Urban Services for Poor:** Geospatial database has been created for 4 Nagar panchayats for urban management.



Cities become more desirable whilst improving lives of its citizens and the business environment.



Get
transformative
insights to aid
decisions.

Leverage on Analytics

Analytics can help identify key trends, foresee predictable events, ensure availability of business-critical information and enable efficient and timely business decisions. Government organizations can ensure safety and security while accurately targeting citizens' needs and continually improving outcomes. Banks and other commercial/financial institutions can gain insights to improve customer retention, reduce financial crimes and prevent fraud.

Vayam can help you with services and solutions ranging from data modeling to reporting, that will volte-face the conventional data handling with a fresh and revised approach.



Experiences

- ▶ **Ministry of Health and Family Welfare (MoHFW), Government of India:** Provided analytics solution on SAS platform, HMIS Augmentation providing GIS integration, augmentation of reporting and analytical capabilities and developing middleware between HMIS and MCTS.
- ▶ **National AIDS Control Organisation (NACO):** Developed Strategic Information Management System where facilities for AIDS control across India are reporting to a Central database. This has supported NACO in decision making related to disease control and awareness.
- ▶ **Bharat Earth Movers Limited (BEML), Ministry of Defence, India:** The Service Parts Optimization project involves inventory optimization, resulting in savings to the tune of few crores in the first year of implementation of the project.
- ▶ **Department of Economic and Statistical Analysis, Haryana:** The Statistical Analysis of State's Economic Health Data involves analytics solution on various economic parameters of the state, collected through NSSO, Census, etc., and publishing the report for decision support system by the state authorities.



Connected to the
Internet, like neurons
of a giant brain

Hyper Connected World

Today telecommunication has become a suite of technologies, equipment, facilities, networks and applications that support communication at a distance. It has become the lifeline of the society, empowered by all analogue representations of media being supplanted by digital representations.

Vayam has helped Bharat Sanchar Nigam Limited (BSNL), the largest and leading public sector telecom service provider in the country, stay in sync with the on-going trends and needs of the people. Using the various technologies provided by us, it is experiencing a more efficient, secure and spam- free data flow, with improved ratings on the global platform as well.



Experiences

- ▶ **Supply and Installation of the NGN Equipment:** Replacing the conventional exchanges Vayam installed the NGN equipment, providing next generation multi-media and voice services to subscribers.
- ▶ **Supply and Implementation of Radio/GSM Mini Link (Hybrid) MW Equipment:** Provided radio/mini link (hybrid) microwave, along with an antenna that enhanced the mobile backhauling/brandwidth expansion and call drop.
- ▶ **DNS Application:** A robust and high speed DNS solution that enhanced the browsing experience by facilitating the Network Elements with IP address of the requested website.
- ▶ **Web Filtering Solution:** As per the guidelines, provided a web filtering system that allows the enterprise to block out pages from the websites that are likely to include objectionable content.
- ▶ **Anti-Spam Solution:** Provided an anti-spam and threat prevention system that uses a sophisticated array of spam filters, antivirus scanners and content analysis engines to prevent unsolicited mails from entering the user network.

A step towards
digital India



Driving License

RTI

Life Insurance
Health Insurance
Birth/Death Certificate

Certificate DTH

Aadhaar Card Ration Card

Job under MGNREGA

Old Age/Widow Pension

Commercial Tax Services

PAN Card General Insurance

Grievance & Redressal

Vehicle Registration

IT Enabled Services

Electoral Roll Creation

VLE

Vayam

Internet Powered Rural Centres

In 2010, Govt. of Uttar Pradesh and Vayam came together to establish Internet powered service delivery centres at gram panchayat level with a vision to provide access to internet and tech-enabled services to its residents. Vayam selects and prepares a VLE (Village Level Entrepreneur) to facilitate services via Vayam's portal that is seamlessly integrated with a digital wallet. Today the project spreads over 21 Districts of UP with 16000 centres providing government and commercial services.

These centres have become the focal points of activity in the vicinity and citizens depend a lot on them for availing varieties of services. We have achieved a mark of 30 million transactions till date.



Jan Seva Kendra, making Government services available to the remotest corners of UP



Village Level Entrepreneur (VLE), a vehicle of efficient service delivery and business management on grassroots level

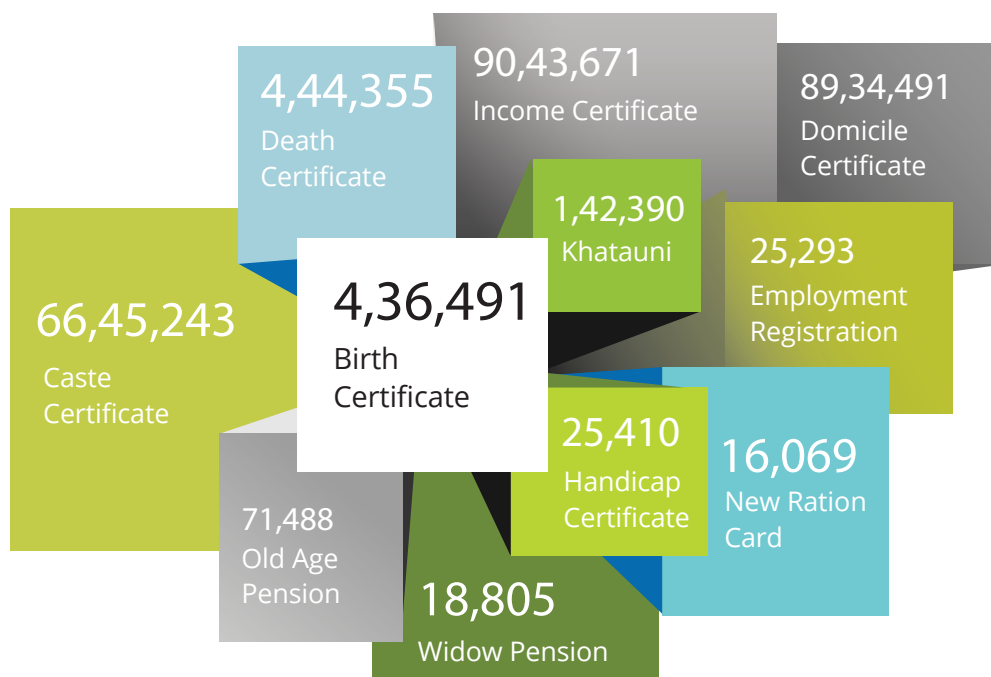


A technology platform to make payments for the rural consumption of services. A revolution of cash to cashless transaction.



A swift and seamless delivery of services, right into the convenience of your village. No more travelling miles.

The heart of India as a nation still throbs in its villages, pumping the culture in its pristine glory into the veins of the society. In our journey to develop as a nation, we need to pull our rural counterparts into the quest. We are doing our bit by providing the best of services in healthcare, banking and finance, Government documents, licenses, commercial tax, land registrations and records, agricultural services, bill payments and recharges, rail ticket booking, and much more.





Unique partnerships
to drive growth
& scale
operations.

Outsourcing and Managed Services

Vayam's outsourcing services are spread across a wide range of business and technology processes. We help with offshore supply of strategies, technological needs, global operations and maintenance of IT systems for end-to-end delivery. We also work with our customers on co-sourcing and co-operating on-shore/off-shore delivery models that are crucial for improving the end results of a business.



Experiences:

- ▶ **RWA, South Wales UK:** Assisted in developing Sell-It Reserator, a travel reservation system which enables the creation, management, pricing and packaging of a wide variety of holiday product inventory. Combined with an online portal, this forms a one stop solution for tourists.
- ▶ **Scancode AS, Norway:** Built Event Management Platform, a solution for Event Managers to market and sell events.
- ▶ **Netconnect Team Portal:** Developed Collaboration Platforms making it easier to communicate and collaborate on documents and to maintain task lists, implement workflows and share information.
- ▶ **Northwest Horticulture, USA:** Developed Windows Mobile Device Application which helped NWH smoothen their business processes by reducing the cost and time spent on these processes almost realtime information from fields is now available to all the concerned departments.
- ▶ **ABN Amro Bank, The Netherlands:** Developed Project Eldorado to help the bank automate its non-core business processes.
- ▶ **Government of Andhra Pradesh & Telangana State, India:** Operation and Maintenance of e-Procurement System.
- ▶ **Socio Economic Caste Census (SECC), (Bihar/UP/Rajasthan/MP):** Assisted CPSU's such as ITI, BEL and ECIL in ranking the households based on their socio economic status and preparing the list of families living below the poverty line via collection of data on door-to-door basis.
- ▶ **NICSI and UTIISL:** Provided manpower for roll-out of CGHS Application in 5 states to National Informatics Centre Services Incorporated. Empanelled to provide manpower under various categories across India for UTI Infrastructure Technology and Services Ltd.

Technology Partners







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