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IFIP WITFOR





Department of Information Technology, Ministry of Communications and Information Technology Government of India



Presenting Sponsor

EMC²

EMC Corporation

EMC is a global leader in enabling businesses and service providers to transform their operations and deliver information technology as a service (ITaaS). Fundamental to this transformation is cloud computing. Through innovative products and services, EMC accelerates the journey to cloud computing, helping IT departments to store, manage, protect and analyze their most valuable asset—information—in a more agile, trusted and cost-efficient way. Information about EMC's products and services can be found at www.EMC.com.

EMC commenced its Indian operations in 2000. Today, it has a wholly owned subsidiary which has business and sales offices in Delhi, Mumbai, Bangalore, Kolkata, Chennai, Hyderabad and Pune. EMC has its India Center of Excellence (CoE) in Bangalore in addition to two other development centres in Bangalore and Hyderabad. EMC also has seven Logistics and Support facilities across India. EMC, through its partners, has a strong customer base in India, spanning the Telecom, BFSI, Manufacturing, Govt. and the Technology sectors.

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Airtel Money

Bharti Airtel Limited is one of the world's leading providers of telecommunication services with operations in 19 countries across Asia and Africa. The company is present in all the 22 licensed jurisdictions (also known as Telecom Circles) in India, and has operations in Sri Lanka, Bangladesh and 16 countries in Africa. The company served an aggregate of 243 million customers as of December 31, 2011.

The company is the largest wireless service provider in India, based on the number of customers as of December 31, 2011. The company offers an integrated suite of telecom solutions to its enterprise customers, in addition to providing long distance connectivity both nationally and internationally. Bharti Airtel also offers Digital TV and IPTV Services. All these services are rendered under a unified brand "airtel". The company also deploys, owns and manages passive infrastructure pertaining to telecom operations under its subsidiary Bharti Infratel Limited. Bharti Infratel owns 42% of Indus Towers Limited. Bharti Infratel and Indus Towers are amongst top providers of passive infrastructure services in India. Airtel M Commerce Services Limited (AMSL) was incorporated on April 1, 2010 as a wholly owned subsidiary of Bharti Airtel Limited. The main object of the Company is to issue a mobile pre-paid cash wallet, prepaid card and/or cash card to consumers. RBI has issued the authorisation to operate payment system and issue stored value card wallet in 2010. Under the authorisation, the Company has launched its first mobile money services branded as "Airtel Money" in Delhi and NCR in January 2011.

Further, with the regulatory change allowing domestic money transfer, the Company launched the same nationally on February 22, 2012. The result of the national launch has been encouraging. The product with the ability to transfer money to any other airtel money wallet or to a bank account is an enhanced version of the product launched during the pilot in Delhi NCR & Chennai. The product has been well received across employees, channel partners & customers. Airtel customers can avail airtel money either on *400# or by visiting their nearest retailer from the network of more than 20,000 outlets across 300+ cities. For further information please visit www.airtelmoney.in. PROFILES

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DST Department of Science & Technology (DST), Government of Gujarat

Department of Science & Technology (DST), Government of Gujarat has been constituted vide General Administration Department G.R. No. DST/2002/398/ ITD dated 21st June, 2002 and it has been operational since 01.04.2003. This department mainly looks after the growth and development of new & emerging technology areas and is responsible for formulation and implementation of key policies in this sector in the State of Gujarat. As of now DST has been looking after the following areas of technology in the State.

• Information & Communication Technology including e-Governance

- Biotechnology
- Science & Technology
- Remote Sensing and Space Application
- Seismology

Mission

• To inculcate scientific temper among masses and particularly the youth and students.

• To encourage research and application of emerging technologies for welfare of the people in the State. • To promote investments in emerging technology areas.

• To act as anchor organization for promoting citizen centric e-governance initiatives in the State.

Objectives

To position Gujarat as a key State in the knowledge economy sectors of the country.
To create employment opportunities in the knowledge economy sectors including promotion of Semi conductor/micro/nano/Bio technology based manufacturing units in the State.
To improve the availability of skilled man-power

in the emerging areas of technology through training / industry institute partnership.
To make government citizen interface more effective, efficient and transparent.

Head Office:

Department of Science & Technology, Govt. of Gujarat

Block No.7, 5th Floor, New Sachivalaya, Gandhinagar Phone: 079-23259999 Email: secdst@gujarat.gov.in

Head of the Department:

Shri Ravi Saxena, IAS Additional Chief Secretary Block No.7, 5th Floor,New Sachivalaya, Gandhinagar Phone: 079-23259999Email: secdst@gujarat.gov.in

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GIL Gujarat Informatics Limited

Gujarat Informatics Ltd. (GIL) is a nodal agency of Government of Gujarat responsible for Project promotion and implementation of IT sector in Gujarat. GIL plays a role of consultant and provides hardware and software consultancy to various Government Departments/ Boards/ Corporations and helps them in their IT procurement.

Functions

• It provides hardware and software consultancy to various Government Departments.

• It helps in the handholding/escort holding/escort services.

• It facilitated the Capacity building in the State Government.

• Managing regular Training Programs and Lecture series.

• Quick implementation of E-Governance activities in the state.

Since its inception, GIL has worked aggressively to make stunning forays in the implementation of IT in the state. Having made a promising beginning with projects like GSWAN (Gujarat State Wide Area Network) and GSDC (Gujarat State Data Centre), GIL is gaining significant ground with its endeavors for computerization of Government departments, training of CIO's, developing applications, signing MOUs with leading national and international companies.

As the nodal agency for IT in the state and on behalf of the people of Gujarat, we, at GIL, invite you to come and partner with us and reap benefits from the enterprising spirit of Gujarat, its industrial competence and the unshakeable focus on development. **Come....**

...share the spIrIT of Gujarat !

Contact Details:

Gujarat Informatics Limited Block 1, 8th floor, Udyog Bhavan, Sector-11, Gandhinagar- 382 010 Phone: 079-23256022 Fax: 079-23238925 Email: info@gujaratinformatics.com

Head of the Department:

Shri K. R. Gururaja Rao (Chairman & Managing Director) Block 1, 8th floor, Udyog Bhavan, Sector-11, Gandhinagar- 382 O1O Phone:- 079-23259222 E-mail:- cmd-gil@gujarat.gov.in PROFILES

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About Microsoft India

Founded in 1975, Microsoft (NASDAQ "MSFT") is the worldwide leader in software for personal and business computing. The company offers a wide range of products and services designed to empower people through great software - any time, any place and on any device. Microsoft Corporation (India) Pvt Ltd. Ltd is a subsidiary of Microsoft Corporation, USA. It has had a presence in India since 1990 and currently has offices in nine cities - Ahmedabad, Bangalore, Chennai, Hyderabad, Kochi, Kolkata, Mumbai, New Delhi and Pune.

Microsoft has been working closely with the IT industry, the Indian government, academia and the local developer community to partner in India's growth.

Microsoft in India is focused on

• being a key IT partner to the Indian government and the local IT industry;

- enhancing India's inclusive development; and
- delighting users with transformative experiences

The company runs six business units in India - Microsoft Corporation India (Pvt) Ltd (the marketing division), Microsoft India Development Center, Microsoft Global Technical Support Centre, Microsoft IT, Microsoft Services Global Delivery and Microsoft Research India - together representing the complete Microsoft product lifecycle.

BUSINESS SOFTWARE ALLIANCE

BSA

The Business Software Alliance (www.bsa.org) is the world's foremost advocate for the software industry, working in 80 countries to expand software markets and create conditions for innovation and growth. Governments and industry partners look to BSA for thoughtful approaches to key policy and legal issues, recognizing that software plays a critical role in driving economic and social progress in all nations. BSA's member companies invest billions of dollars a year in local economies, good jobs, and next-generation solutions that will help people around the world be more productive, connected, and secure.

BSA's global mission is to promote a longterm legislative and legal environment in which the industry can prosper and to provide a unified voice for its members around the world. BSA's programs foster innovation, growth, and a competitive mar-

CISCO

Cisco is the worldwide leader in networking that transforms how people connect, communicate and collaborate. At Cisco (NASDAQ: CSCO) customers come first and an integral part of our DNA is creating long-lasting customer partnerships and working with them to identify their needs and provide solutions that support their success.

Founded in 1984 by a small group of computer scientists from Stanford University, Cisco engineers have been leaders in the development of Internet Proketplace for commercial software and related technologies.

BSA, in India has strong partnerships and work very closely with Government and industry in the areas of:

- Public Policy issues: Promote the growth of software industry

- End-User education: Programmatic Partnerships with State Governments and Central Government to educate and enable enterprise users, SMBs, Government departments and PSUs on Software Asset Management and IT Governance

BSA members are optimistic about the future of the industry, but believe that the future does not simply unfold. And, BSA agrees that it is critical for companies to work together to address the key issues that affect innovation.

BSA members include Adobe, Agilent Technologies, Altium, ANSYS, Apple, Aquafold, ARM, Autodesk, Bentley Systems, CNC/Mastercam, Dassault Systèmes SolidWorks Corporation, Corel, HP India, Mentor Graphics, Microsoft, Minitab, Ned-Graphics, Orbotech, Pitney Bowes, PTC, Progress Software, Quest Software, Rosetta Stone, Sarin Technologies, Siemens PLM Software, Sybase, Symantec, Tekla, and The MathWorks.

tocol (IP)-based networking technologies since the company's inception. Incorporated on December 10, 1984 in California, John T. Chambers is the Chairman and Chief Executive Officer of the \$43 billion company which has over 63,000 employees globally. Cisco India commenced operations in 1995 and has seven Sales Offices in the region - New Delhi, Mumbai, Bangalore, Chennai, Pune, Kolkata and Hyderabad. India headcount is 7800+ including R&D, sales and business support staff and the Cisco Global Development Center is in Bangalore, this is the largest outside of the US.

For further information about Cisco India, please visit http://www.cisco.com/in



CSI

Formed in 1965, the CSI has been instrumental in guiding the Indian IT industry down the right path since its formative years. Today, the CSI has 70 chapters all over India, 418 student branches, and more than 90,000 members, including India's most famous IT industry leaders, brilliant scientists and dedicated academicians. Now, you have the opportunity to be a part of this distinguished fraternity too.

The mission of the CSI is to facilitate research, knowledge sharing, learning and career enhancement for all categories of IT professionals, while simultaneously inspiring and nurturing new entrants into the industry and helping them to integrate into the IT community. The CSI is also working closely with other industry associations, government bodies and academia to ensure that the benefits of IT advancement ultimately percolate down to every single citizen of India.

UNDP

UNDP's approach in India has been to develop and sustain strategic partnerships that find innovative solutions to address gaps on both the demand and supply side of development processes. Prototypes that demonstrate new ways of addressing persistent disparities have empowered communities to improve access to basic entitlements- whether in housing and employment under government schemes or in greater political voice.

We bring together diverse stakeholders, particularly from the less heard in civil society to the forefront. Sustained advocacy, for example, on behalf of the transgender community has resulted in greater recognition of their specific needs in planning and legal processes.



UNDP India supports more than 15 central ministries and seven of the poorest states of India during this current country programme cycle. Over the years, UNDP has ensured that the human development approach has become embedded in policy and planning processes of the Government of India, both at the central and state levels.

(intel)

Intel India

Intel India established a sales office in Bangalore in 1988. Ten years later, the Intel India Development Center (IIDC) commenced operations. IIDC is a critical engineering design and development center for key Intel products across CPUs, graphics, SoC, platforms and software with strong IT expertise and factory automation. Created as a state-of-the-art research and development facility in Bangalore, the Intel India Systems Research Center enables the finest engineers from the region and around the world to create the next generation of computing platforms that will transform the way we live, work and play.

The Intel® Education Initiative in India works to

improve teaching and learning through the effective use of technology; inspire and expand students' knowledge and enthusiasm for science and math; and bring cuttingedge technology expertise to universities. Intel India has trained approximately 1.5 million teachers, teacher educators and student teachers who have completed the Intel® Teach Program during the past 10 years, across 20 states and 73 universities in the country, on use of Information and Communications Technology to facilitate effective teaching and learning in schools.

Intel India facilitated the formation of the World Ahead Alliance-an alliance of 22 likeminded organizations working together to proliferate the adoption of information and communication technology in the country.

Intel facilitated a collaborative movement called 'Connected Indian', where government, industry associations and private enterprise came together for the common cause of connecting a billion Indians.

Intel India has won two Energy Conservation Awards from the Confederation of Indian Industry (CII).

Hazel Media

Hazel Media is a technology research and products company that has been on the forefront of bringing out new platforms and mobile applications that impact the masses in the developing world. The company based in Delhi, India was awarded mBillionth Award 2011 for its innovative vernarcular language mobile platform called mPustak. Hazel Media unveiled MobQuery platform in 2012 to ease collection, analysis, and management of huge amounts of data via mobile devices and multiple languages. Hazel Me-



dia's products combine mobility and data management and make it accessible to commercial and nonprofits alike in all countries. For more information, visit the company's website at www.hazelmedia.in



FICCI

Established in 1927, FICCI is the largest and oldest apex business organisation in India. Its history is closely interwoven with India's struggle for independence, its industrialization, and its emergence as one of the most rapidly growing global economies. FICCI has contributed to this historical process by encouraging debate, articulating the private sector's views and influencing policy.

A non-government, not-for-profit organisation, FIC-CI is the voice of India's business and industry.

vFICCI draws its membership from the corporate sector, both private and public, including SMEs and MNCs; FICCI enjoys an indirect membership of over 2,50,000 companies from various regional chambers of commerce.

FICCI provides a platform for sector specific consensus building and networking and as the first port of call for Indian industry and the international business community.

Our Vision

To be the thought leader for industry, its voice for policy change and its guardian for effective implementation.

Our Mission

To carry forward our initiatives in support of rapid, inclusive and sustainable growth that encompass health, education, livelihood, governance and skill development.

To enhance efficiency and global competitiveness of Indian industry and to expand business opportunities both in domestic and foreign markets through a range of specialised services and global linkages.

Media Lab Asia

Organisation: Media Lab Asia is a not-for-profit R&D organization set up by Department of Electronics & Information Technology, Ministry of Communications and IT, Government of India

Mission: To bring the benefits of Information and Communication Technologies (ICTs) and other advanced technologies to the common man

Profile: Needs assessment and Idea generation; ICT research for grass root applications; Development of technologies, products & solutions; Field testing / demonstration & enable deployment; Project consultancy

Applications areas-

• Empowerment of the Differently-Abled (embedded



systems, assistive devices, assessment tools, iconic interfaces combined with multimedia portals and contents)

• Healthcare (ICT in healthcare promotion, Healthpedia, HMIS, HIS and linking healthcare hierarchy through telemedicine, electronic health records and affordable healthcare equipment & devices)

- Livelihood Enhancement
- Medium and small enterprises (CAD tools for artisans, ERP, skill development etc.)

• Agriculture (extension, portals, embedded systems, sensor networks, animal welfare etc.)

• Education (Pre-primary, Web & mobile based access, Intelligent tutoring)

Some enabling ICT Technologies

- Mobile applications
- Human computer interfaces including Iconic interfaces
- Indian language technologies applications
- Broadband wireless, adhoc networks
- Embedded systems and emerging technologies
- Biometrics

Experience: Since 2001, Media Lab Asia has worked on more than 75 projects / ideas and gained experience in understanding the needs & role of ICT for grass root applications with conceptualization, project preparation, development & field deployment in the focused areas and has touched lives of more than 2.5 million people.

Collaborations: Media Lab Asia collaborates with a number of organizations from Government,

NGO sector, academia, industry and other experts in its mission.

Others major activities: Besides its core activity of developing ICT technologies and bringing them to daily lives of people, Media Lab Asia also has the following activities under its aegis:

• 'IT Research Academy' (ITRA) for capacity building for R&D in academic, in ICTE in the country

• National e-Governance Division (NeGD) for the programme management of 'National e-Governance Plan' of DIT

Website: www.medialabasia.in; E-mail: contact@medialasia.in

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Registered Office:

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India Development Gateway (InDG)

India Development Gateway (InDG) is a country-wide initiative in the domain of rural and social development, to meet knowledge needs and provide knowledge-based IT enabled services to the rural communities and their first level service providers. This project is being implemented since 2006, by Hyderabad unit of Centre for Development of Advanced Computing (C-DAC), supported by the Department of Electronics & Information Technology, Government of India.



The multilingual portal www.indg.in developed as part of this initiative hosts information and services 10 languages (Hindi, Bengali, Marathi, Assamese, Tamil, Telugu, Kannada, Malayalam, Gujarati and English) across 6 sectors (Agriculture, Health, Social Welfare, Primary Education, e-Governance and Rural Energy). The Gateway is developed as a single-window access to information and services (Dynamic Market Information, Weather, digital resources for children, Ask AN Expert, Buyer Seller Platform, Online quiz etc..), with specific objective of reaching the 'un-reached' rural communities of India, especially women and poor. It catalyses the use of ICT tools for knowledge sharing, leading to development. The ultimate goal is to create a service-oriented, people-friendly and demystified Information Technology (ICT) for development in service of rural communities through country-wide collaborations.

As the rural landscape in India is set to take the advantage of the flourishing ICT initiatives pioneered by various institutions, more specifically the Common Service Centres (CSCs), InDG initiative offers the much required content and services in local languages that makes the difference in the lives of the rural people.

Contact:

Director, Centre for Development of Advanced Computing (C-DAC) JNTU campus, Kukatpally, Hyderabad – 500085 Andhra Pradesh Ph: +91 40 23150115 Fax: +91 40 23150117 **Email:** indg@cdac.in,

www.cdac.in / www.indg.in8 of the top 10 hospitals and all of the top 10 p 5 media and entertainment companiesGovernment: 90% of the world's top 20 e-GovsFinance: world's 10 largest

UNESCO

UNESCO works to create the conditions for dialogue among civilizations, cultures and peoples, based upon respect for commonly shared values. It is through this dialogue that the world can achieve global visions of sustainable development encompassing observance of human rights, mutual respect and the alleviation of poverty, all of which are at the heart of UNESCO'S mission and activities.

The broad goals and concrete objectives of the international community – as set out in the internationally agreed development goals, including the Millennium Development Goals (MDGs) – underpin all UNESCO's strategies and activities. Thus UNESCO's unique competencies in education, the sciences, culture and communication and information contribute towards the realization of those goals.

UNESCO's mission is to contribute to the building of peace, the eradication of poverty, sustainable development and intercultural dialogue through education, the sciences, culture, communication and information. The Organization focuses, in particular, on two global priorities:



Africa Gender equality

And on a number of overarching objectives:

- Attaining quality education for all and lifelong learning
- Mobilizing science knowledge and policy for sustainable development
- Addressing emerging social and ethical challenges
- Fostering cultural diversity, intercultural dialogue and a culture of peace
- Building inclusive knowledge societies through information and communication



Merittrac

MeritTrac - India's Largest Testing & Assessment Company provides innovative examination process and assessment solutions to Educational Institutions, Government/ PSU sector and leading corporate entities. MeritTrac has delivered over 15 million exams till date. MeritTrac offers end to end examination services from application processing to results processing in an online and / or paper – pencil mode. MeritTrac has defined robust examination processes which are ISO 9001:2008 and ISO 27001 certified.

In its 12 years of its existence, MeritTrac has been transforming the way examinations are man-

aged by offering greater reliability, trust, transparency, security, and consistently delivering large flawless examinations. MeritTrac possess an unmatched combination of certified robust examinations processes, scalable technology, agile infrastructure support and skilled resources that has the experience of managing examinations for more than 200 days every year. This coupled with experience of servicing varied customer requirements has helped us address our customers better.

Highlights

- •15 million candidates assessed & counting...
- Test Centre Network in over 300 cities
- India's largest online test centre network of 50,000 terminals
- Over 300 validated tests
- ISO 9001:2008 and ISO 27001 certified
- First Indian Full-member of Association of Test Publishers

Examination Services from MeritTrac Applica- tion Processing	Pre-Exam Activi- ties	Exam-Day Activities	Result Processing
Online / Paper-based	Certified Test Cen- tre Scheduling	Online / Paper-based Exam Management	On Screen Marking
Paper-based / e-hall Ticket	Exam Centre Mate- rial - Packing and Logistics	Test Administration & Proctoring	e-Score Card Upload
SMS/Email Alert	Candidate Schedul- ing	Exam Centre Regis- tration	Rank List Generation
		Portable Biometric Candidate Authenti- cation	Certificate Printing

Innovations

MeritTrac's innovation team has introduced several path-breaking solutions and services that support free and fair examinations. AuthenTrac – a portable biometric authentication service and TracMARKS – an On Screen Marking solution are examples of how innovation at MeritTrac is shaping the future of Indian examination.

NASSCOM

NASSCOM is the industry association for the IT-BPO sector in India. A not-for-profit organisation funded by the industry, its objective is to build a growth-led, sustainable, technology and business services sector in the country.

Established in 1988, NASSCOM's membership has grown over the years and currently stands at 1,200. The member organisations represent 95 per cent of industry revenues and have enabled the association to spearhead initiatives and programmes to build the sector in the country and globally.

NASSCOM members are active participants in the new global economy and are admired for their innovative business practices, social initiatives and thrust on emerging opportunities.

NASSCOM is headquartered in New Delhi, India, and has offices in seven other cities including Bengaluru, Chennai, Hyderabad, Kolkata, Mumbai, Pune and Thiruvananthapuram.

Vision

To be an effective and engaging global trade organisation, complimented by the pillars of trust and credibility.

NASSCOM®

Mission

NASSCOM's mission is to deepen the IT-BPO industry's footprint in its core markets and beyond, building strategic partnerships with its customers. It seeks to establish India as a hub for innovation and professional services.

NASSCOM's mission is also to expand the country's pool of relevant and skilled talent and harness the benefits of ICT to drive inclusive and balanced growth.

'Transform Business, Transform India' is the overall objective of NASSCOM and its member companies. NASSCOM members are organisations in India engaged in the business of IT services, BPO, Software Products, Engineering design, Internet and Ecommerce; Animation and Gaming. Organisations that provide services to the IT-BPO industry are institutional members of NASSCOM.



Nokia India

Nokia has played a pioneering role in the growth of cellular technology in India, starting sixteen years ago with the first-ever cellular call made on a Nokia mobile phone over a Nokia-deployed network. Nokia started its India operations in 1995, and presently operates out of offices in New Delhi, Mumbai, Kolkata, Jaipur, Lucknow, Chennai, Bangalore, Hyderabad, Pune and Ahmedabad. The Indian operations comprise of the handsets business; R&D facility in Bangalore and a manufacturing plant in Chennai.

Growing from a company employing 450 people in the year 2004 to close to 12000 employees in March 2011; India today holds the distinction of being the second largest market for the company globally.

During the course of the last sixteen years the company has been ranked as the No. 1 Most Trusted Brand by Brand Equity, The Economic Times for three years and the No. 1 telecommunications equipment vendor in the country by Voice & Data for seven consecutive years. It has also been voted as the 'Most Respected Brand" in consumer durables in 2010 for the Annual Businessworld Survey. It was selected by Voice & Data as Green Company of the Year 2009. It was also awarded NDTV Greenies for best advertising campaign in 2010



Polycom

Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice. Our goal is to make it possible for everyone to use video as their preferred way to collaborate—easily, reliably, and securely. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, specialists, and prospects. When collaboration is mission-critical, the video platform that businesses choose is Polycom.

Around the world, in industry after industry, Polycom video collaboration is increasingly recognized as a mission-critical business solution to remove the barriers of distance and time, connect experts to where they're needed most, and create greater trust and understanding through visual connection. Major industries served by Polycom are:

• Healthcare: 8 of the top 10 hospitals and all of the top 10 pharmaceutical companies worldwide

• Education: 4 of the world's top 5 colleges and universities

• Entertainment: world's top 5 media and entertainment companies

- Government: 90% of the world's top 20 e-Govs
- Finance: world's 10 largest banks and 6 largest insurance companies

• **Manufacturing:** world's top 5 auto manufacturers and top 3 aerospace companies

Polycom[®] RealPresence[®] Video Solutions are comprehensive offerings that provide secure, easy-touse video collaboration across any combination of environments, whether on the go with RealPresence Mobile for tablets and smartphones, at home with RealPresence Desktop, at work with RealPresence Desktop or RealPresence Room, in conference rooms with RealPresence Room Systems, or immersive theaters with RealPresence Immersive, regardless of the networks, protocols, or devices individual participants are using.

Department of Information Technology & Communications, Government of Rajasthan

In 1987, the State Government has established Directorate of Computers and was renamed as Department of Information Technology and subsequently as Department of Information Technology & Communica-



tions, with objectives ranging from formulating the policies and creating awareness to provide technical

consultancy to the State Government Departments for computerization. The mandate of the department is as under: **AT SECRETARIAT LEVEL 1.Policy planning & approvals 2.Coordination with departments 3.Referral for departments 4.Financial approvals**

5.Pursuing with GoI for NeGP and other national program

AT DEPARTMENT LEVEL

1.Nodal Agency for computerization in Rajasthan
2.Policy implementation
3.Preparing projects for NeGP/MMP
4.Backend computerisation of departments
5.IT infra projects & Project monitoring
6.Technical advice to State agencies
7.HR development for Govt employees and general public
Major initiatives taken up by DoITC includes

NeGP, Mission Mode Projects and other projects like e-Sugam for Department of Administrative Reforms, e Nagar Mitra for Local Self Government, Rajstamps for Registration & Stamps etc.

RajCOMP Info Services Ltd

RajCOMP Info Services Ltd. (RISL) is a fully owned Government of Rajasthan Company. It started its operations in 1989 as a Society (RajCOMP). It is a leading consulting organization in the field of Information Technology for all Government Departments & PSUs of Rajasthan.

RISL is the State Designated Agency(SDA) for implementation of NeGP projects i.e. State Data Centre (SDC), State Wide Area Network (SWAN), Common Service Centre (CSC), State Service Delivery Gateway(SSDG), e-District, Citizen Contact Center and other State Mission Mode Projects (MMPs). Other major initiatives of RISL are Chief Minister Information System (CMIS) for Chief Minister's office, Arogaya Online for health department, Online application for teachers recruitment for Panchayati Raj department and Comprehensive computerization of RPSC.

RISL is also a Technology Partner for departments like Agriculture, State Election Department, Education Department, RHSDP etc.RISL also takes up the activities of procurement of hardware, software, networking components and other products and services on behalf of Government Departments/ Organization.



NIC National Informatics Centre

National Informatics Centre, under Department of Electronics and Information Technology (DeitY), is a premier ICT organization of Government of India has established NICNET, a robust communication backbone and provides support for e-Governance to the central Government, State Governments, UT administrative, Districts and other Government bodies. NIC has played a pivotal role in decentralized planning, improvement in Government services, wider transparency of national and local government and improving their accountability to the people. NIC assists in implementing of e-Governance projects, in close collaboration with central and State Governments and endeavors to ensure that state-of-the-art technology is available to its users in all areas of ICT.

NICNET designed on hybrid technologies like satellite based computer communication, terres-

trial links; fiber optics etc. supports high speed data transmission, e-Governance implementation and emergency communication during natural calamity with over 60,000 nodes of Local Area Networks in all the Central Government offices and state Government Secretariats. NIC has set up state-of-art Data Centres which hosts over 5000 Websites and portals. Data Centres have been established at State capitals for local storage of e-governance applications. Keeping in view the importance of cyber security, NIC has set up extensive cyber security infrastructure to ensure security and privacy of government data and information. All the e-Governance applications hosted in NIC data centres and replicated at Disaster Recovery centres undergo stringent security audit to protect them from unauthorized and malicious access.

NIC lays the frameworks and design methodologies for management and monitoring of e-Governance initiatives in consultations with user ministries/ departments. Majority of Mission Mode Projects under NeGP like National Land Records Modernisa-

tion Programme, e-PRI, Transport, AGMARKNET, Court Computerisation, MGNREGA, , Smart Card PDS, VAT are being support by NIC. Many other sectoral and e-governance applications in the area of Cooperative Core Banking(CCBS), Rastriva Swathya Bima Yojna (RSBY), e-Post, PLI, Saksar Bharat, Fertilizer Subsidy, Counseling for Professional Colleges, e-Scholarships, Open GIS, e-Office, Mother and Child Tracking System (MCTS), Open Government Platform etc. are also being implemented nation wide by NIC. Many sectoral applications and systems to deliver services on a unified platform have been integrated. NIC is implementing National Knowledge Network to bring together all the stakeholders in Science, technology, higher Education and R&D to exchange content/data/information with speed of the order to gigabits per second. NIC is also assisting in implementation of National Optical Fibre Network (NOFN) to connect 2.50 lakhs Panchayats across the country. NIC also functions as Certifying Authority (CA) in the G2G domain.

Ministry of External Affairs Government of India

The Passport Seva Project (PSP) is one of the largest Mission Mode projects under the National e-Governance Plan. This flagship project of the Ministry of External Affairs, Government of India, has brought in an innovative approach to delivering Passport and related services to the citizens of India. The Ministry is executing this project in a public-private-partnership mode with Tata Consultancy Services (TCS) as the service partner. It has expanded the network for passport services and ensures passport service delivery in a timely and transparent manner added with state-ofthe-art Passport Seva Kendras featuring comfortable environment, greater security and reliability.

Transforming Passport Services for Indian Citizens



Key aspects of the service transformation achieved by the Passport Seva Project are as follows: • **Anywhere Anytime Access:** The Passport Seva Portal (www.passportindia.gov.in) provides comprehensive and latest information on all passport and related services

• Increased Network: As an extended arm of existing 37 Passport Offices, 77 Passport Svea Kendras (PSKs) and 15 Passport Seva Laghu Kendras (PSLKs) are being established across the country. The Indian Missions and Posts abroad, as well as Immigration Centres are also accessing the Passport Seva System for duplicity and other background verification of Passport Applicants.

• **Improved Amenities :** The Passport Seva Kendras have best-in-class amenities for the comfort and convenience of applicants

• **State-Of-The-Art Technology Infrastructure:** Passport Seva is supported by state-of-the-art technology infrastructure which enables efficient

C-DAC

Centre for Development of Advanced Computing (C-DAC) is the premier R&D organization of the Department of Electronics and Information Technology (DeitY), Ministry of Communications & Information Technology (MCIT) for carrying out R&D in IT, Electronics and associated areas. Different areas of C-DAC, had originated at different times, many of which came out as a result of identification of opportunities.

The setting up of C-DAC in 1988 itself was to built Supercomputers in context of denial of import of Supercomputers by USA. Since then C-DAC has been undertaking building of multiple generations of Supercomputer starting from PARAM with 1 GF in 1988.

Almost at the same time, C-DAC started building Indian Language Computing Solutions with setting up of GIST group (Graphics and Intelligence based Script Technology); National Centre for Software Technology (NCST) set up in 1985 had also initiated work in Indian Language Computing around the same period.

Electronic Research and Development Centre of India (ER&DCI) with various constituents starting as adjunct entities of various State Electronic Corporations, had been brought under the hold of Department of Electronics and Telecommunications (now DeitY) in around 1988. They were focusing on vari-



passport service delivery with enhanced security.

• Integration with Police and India Post: An

services with PSP

electronic interface is provided to the Police and India Post for easy and quick integration of required

• Call Centre & Helpdesk: A 24*7, multi-lingual call centre operating in 17 Indian languages has been set

up for citizen convenience. An e-mail based helpdesk

also provides information on passport services

ous aspects of applied electronics, technology and applications.

With the passage of time as a result of creative echo system that got set up in C-DAC, more areas such as Health Informatics, etc., got created; while right from the beginning the focus of NCST was on Software Technologies; similarly C-DAC started its education & training activities in 1994 as a spin-off with the passage of time, it grew to a large efforts to meet the growing needs of Indian Industry for finishing schools.

C-DAC has today emerged as a premier third party R&D organization in IT&E (Information Technologies and Electronics) in the country working on strengthening national technological capabilities in the context of global developments in the field and responding to change in the market need in selected foundation areas. In that process, C-DAC represents a unique facet working in close junction with DeitY to realize nation's policy and pragmatic interventions and initiatives in Information Technology. As an institution for high-end Research and Development (R&D), C-DAC has been at the forefront of the Information Technology (IT) revolution, constantly building capacities in emerging/enabling technologies and innovating and leveraging its expertise, caliber, skill sets to develop and deploy IT products and solutions for different sectors of the economy, as per the mandate of its parent, the Department of Electronics and Information Technology, Ministry of Communications and Information Technology, Government of India and other stakeholders including funding agencies, collaborators, users and the market-place.

BSEDC

Bihar State Electronics Development Corporation Ltd. (BSEDC Ltd.), is a Govt. of Bihar undertaking engaged in businesses related to Electronics, Computer goods and IT services. The corporation caters to the technological needs of the government and carries out IT project conceptualization and implementation for the State Government Departments and agencies

BSEDC believes that an opportunity for delivering solutions and IT services is beyond the routine delivery of IT services and solutions, understand vision, mission of the organization, assess the needs of the stakeholders, work towards measurable objectives and deliver value to the beneficiaries by delivering superior value through its services and solutions



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