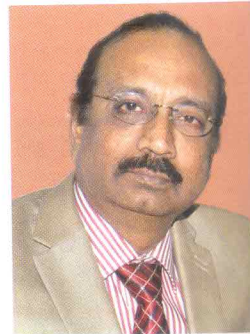


Initiatives of ITI Ltd.

Towards Digital India



S. Gopu
CMD, ITI Ltd.

Digital India is a campaign launched by the Government of India to ensure that Government services are made available to citizens electronically by improved online infrastructure and by increasing Internet connectivity or by making the country digitally empowered in the field of technology. Government of India has launched a programme called Digital India with a vision to transform India into Digital enabled Society and a knowledge economy.

ITI Limited was a first PSU in India post-independence established by Govt of India and was pioneer in developing Telecom Solutions, Manufacturing, Deploying in the National Telecom Networks and Maintaining over past 6-7 decades.

ITI also is pro-actively participating in the digital India programmes with following contributions to the nation.

GPON (Gigabit Passive Optical Network Technology)

One of the major requirement for Digital India is to set up a National Optical Fiber Network (NOFN) to provide 100 Mbps high speed Broadband Network to 2.5 lakh

Gram Panchayats across India. The core technology required for this is GPON (Gigabit Passive Optical Network Technology) and also Solar Power module to power customer premises equipment in remote and inaccessible locations. ITI has bagged orders from BBNL, BSNL, Railtel for supply of about 42000 ONTs (customer premises equipment) along with Solar Power supply module and 1650 OLTE's. Our contribution will cover for 42000 Gram Panchayats in India. ITI is first PSU to manufacture the GPON products with indigenous technology developed by C-DoT. Under BharatNet project which is a part of Digital India concept, ITI is gearing up for manufacturing of OFC Cable and HDPE Pipes also which provide backbone connectivity between the Gram panchayat and block level. ITI is also gearing up for manufacture

and supply Radio Modems, VSATs and Wifi hot spots.

Data Centre

Another major element in the Digital India programme is establishment of Data Centre infrastructure. ITI has already set up a Tier 3+ Data Centre infrastructure at Bangalore with 350 Racks capacity. In addition to low cost of ownership, ITI Data Center is built to meet the highest standard for Data Center infrastructure and places a great emphasis on service delivery. The same is being further expanded to 1000 Racks at Bangalore and 200 Racks at Naini plant of UP.

Digital Wallet

ITI has launched a Mobile wallet called TAG ITI to provide secure cashless payment services to public at large. ITI has successfully entered into Cashless



transactions within the organization ITI wherein all the payments for the Employees is being made by Digital wallet. ITI is also in the process of expanding its customer base to cover larger sections of public.

ITI Limited organized a one day seminar on TAG-ITI Digital Wallet Solutions focusing on Customized solutions for PSU's and Government sectors at Tagore Hall, Scope Conventional Centre, Scope Complex, New Delhi on February 3, 2017. Shri R M Agarwal, DDG(SU), DoT was the Chief Guest and inaugurated the seminar in presence of Shri B K Tare, DGM (Engg), SCOPE, Dr. Joyti Kaul, AGM(Mktg), Shri A K Agarwal, AGM(BC) and Shri Venkat Iyer, Transaction Analysts(TA). Dr. Joyti Kaul, AGM(Mktg) welcomed the participants and gave a detailed introduction of ITI-TAG Digital Wallet. She also explained the unique features of Mobile wallet, ITI Data center, helpdesk and customization from ITI.

Shri R M Agarwal, DDG(SU) in his address "highlighted the importance of hosting such seminars for business development of ITI and venturing in such business potential will take ITI to get back its past glory. He also recalled the seminar conducted for IOT in July 2016 for data security and transactions through our data centre and mentioned about the Centre of Excellence at Bangalore Plant. He also commended ITI's efforts in launching TAG-ITI Mobile Wallet Application service giving Cashless Solutions at fingertips to the cashless economy of the nation as a part of Make in India and Digital India initiative of Govt. of India. He insisted that business opportunities to be explored with

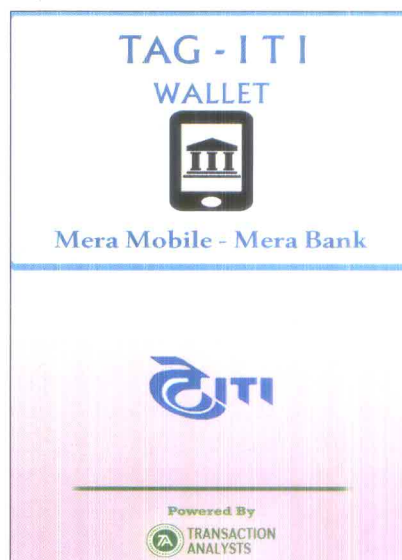
CMD's of all PSU's and One to One discussion can be arranged and understanding the requirement of the PSU's to be done by the technical team."

Shri Venkat Iyer, Technical Expert from Transaction Analysts(TA) threw more light on technical aspects of TAG-ITI Mobile Wallet solutions and online demonstration of Mobile Wallet. Shri R K Kaushik, Director PSU II, DoT also participated in the seminar. Around 110 participants, 69 from 15 companies including BHEL, Balmel lawrie, Airport Authority of India, CISE, HPCL, IOCL, NIC, Petronet, GAIL, Rites, SCOPE, Hindustan Fuel Corporation, National Seeding Corporation, MMTC etc., along with ITI participated in three sessions. All the sessions in the seminar were more interactive by the active participation of DDG(SU) and all other participants. The seminar concluded with ITI assuring to provide further discussion/business to the participating companies.

At Bangalore, ITI Limited have organized seminars on TAG-ITI Digital Wallet Solutions at Bangalore Central School in batches for parents/guardians of ITI School demonstrating how to use ITI-TAG Wallet, where in around 300 persons have attended awareness programmes.

Software as a Service (SaaS)

With the 'Digital India' initiative gaining ground and the increase in demand for Aadhaar based authentication services, ITI has ventured into the business of providing Aadhaar based authentication services based on Software as a Service (SaaS) model to address various segments of organizations expected to utilize this



service. Till date, over 100 crore Aadhaar numbers have been generated by UIDAI and 97% of Adult population has Aadhaar Number.

QR Code

ITI is offering a solution to secure important documents/ certificates such that the contents of such documents can be verified by a simple mechanism for fraud or tampering. The solution can easily be made applicable to any documents, like, mark sheets, student certificates, any type of ID cards etc. The solution proposes to embed an encrypted Quick Response (QR) code in such documents/ cards to cover all the contents of the documents. This QR code is tamper-proof and can be read through an application running in smart phones/Tablets or personal computers. The solution expects to find good market for securing certificates/mark sheets of Universities, various types of ID cards issued by Government agencies etc.

ITI is also looking in to other areas so as to increase our contributions significantly in Digital India Mission of Govt. of India. ■