India 2.0: Towards a Networked Nation

POST-SHOOT SCRIPT

Duration: 20-25 minutes
Language: English

Audio/ Narrator	Video/ Text on Screen
A new day is dawning in India…	Stylized Montage: Time lapse shots.
Built on the bricks of boundless possibilities…	
Connected across the farthest corners.	Screen shots of all the four segments (e education, e health, UIDAI and e chaupal) placed on a globe of hi tec mother board treated with style comes to a frame where we see a child opening her fist to see her dreams fly symbolically
Where future forward technologies are addressing our most critical development needs…	
Where the power to steer our dreams…	
Lies in the palm of our very own hands.	
Film Title: **India 2.0: Towards a Networked Nation**	Stylised mother board circuits converts into graphics of the film title
Voiceover:	
India is drawing the roadmap of progress with a clear vision for 2020 and beyond…	General Footage compiled in a visually stylized sequence.
It's a route that passes through thousands of villages & townships; transforming over a billion lives through technology.	A wide range of shots – a mix of various socio-economical, cultural bandwidth of India the country.
Rich or poor, man or woman, young or old, organized or unorganized: The **National Plan** for Technology driven Development is aimed at empowering every Indian.	Shots of all the four segments , mainly focused on people and their activities
The Government of India is tying together a tapestry of IT-enabled initiatives with other social agencies & independent NGO's.	High speed shots of people looking up into the lens with a proud smile.
It's a plan that also reinforces India's commitment to global partners. It is sharing our technological wealth through initiatives like the Pan African eNetwork launched by the Ministry of External Affairs in 2006. This network uses India's resources in satellite technology and ICT to advance education,	Pan African network shots

health & communication sectors of 47 African Union countries. In India, digital solutions await *all* major development sectors – Education, Agriculture, Housing, Local governance, Healthcare & the Environment.	
Log into India 2020. *Uplink to the future.*	**Graphical Collage:** This is a graphics sequence where 4 headings pop up with 'common man' visuals: • Unique Identification • E-Education • E-Choupal • E-Health &Telemedicine
"Bhor hui jeevan mein *Shuru nai udaan* *Mili hame pehchaan* *Khule naye ab dwaar* *Hamaaraa AAadhaar* *AAadhaar, AAadhaar ... AAadhaar* *Yeh hai meri pehchaan"* It beats in a billion hearts... And is steeped in a billion colours... It's heard in a billion songs... And shaped by a billion hands... When India marches, It is a force fuelled by its masses.	The film opens on a grand montage of visuals of Indians from all walks of life: Children, adults, seniors, city-dwellers, villagers, farmers, techies, scientists, housewives, North Indian, South Indian etc. The feel of this sequence emphasizes the biggest strength of India: Its diverse & populous human resource. The segment will be full of high speed and time lapse shots
Now, a novel initiative is harnessing this force... Empowering every man, woman & child to fulfil their destiny – as a citizen of India. *Unique Identification Number or Aadhaar (Foundation).* A mammoth government project to provide universal proof of identity to every resident of the nation.	We see individuals standing static as rest of the crowd around them move....these visuals are overlay stylized electronic typos appear over the visuals: **UIDAI or AADHAR**
Aadhaar is a powerful tool. Aadhaar- A 12-digit random number, it is based on minimalistic demographic data such as Name, Gender, Age and Residential address. It is also based on comprehensive biometric	Cut to visuals of the Aadhaar letter **Text On Screen:** It comes as bullet points running over general working shots of the UID headquarters. **Unique Identification or Aadhaar**

data like face photo, all 10 Fingerprints and an iris scan. It can offer 'anytime, anywhere,' online authentication for all services to individuals across the public and private sector domains. It has the potential to eliminate fraud, duplicate identities & multiple verifications. **Interview Byte: Mr Nandan Nilkeni, Chairman UIDAI** Aadhaar holds great promise for India – but not just in what it hopes to achieve… In 2009, the UID Authority of India launched the *largest biometric based identity project in the world.*	• A 12 Digit Number as proof of Identity. • Offers 'Anytime, Anywhere,' online Authentication. • Eliminates Fraud, Duplicate Identities & Multiple Verifications • Increases Transparency & accountability for India's flagship people empowering projects eg: NREGA, PDS, SSA etc. Cut to imposing exterior shots of the UIDAI branding aadhar ; headquarters and Tech Centre Bangalore. Working shots of Tech centre
The UID project is breaking new ground for India… Meanwhile, in the rural sector, India has already taken significant strides in agriculture. Now technology is taking is taking the green revolution further.	Cut to: Vast, sprawling farmlands of India. The film opens on vast, sprawling farmlands of India Shot suggestions: Farmer in the farms , rain drops on *mitti* Tractor-ploughs making rows in the earth… Women planting paddy/ planting seeds Water gushing out of irrigation pumps. A full, resplendent crop in farms Shot of proud farmers (a mix of men and women) standing and looking straight into the lens with proud sense of achievement. Graphic Text overlay as graffiti in the field: **E-Choupal**
Introducing eChoupal, the world's largest rural digital infrastructure conceived & instituted by the Indian corporate group – ITC Ltd. It is driving technology into the heart of India's farmlands… Empowering small farmers by providing access to information – from best practices, to market prices, products & weather updates etc. Here technology is interwoven with the ground realities of rural India as researched over	General eChoupal/ village shots Text On Screen (CREATIVE GRAPHIC-VISUAL REPRESENTATION the idea is to have the text with the live action footage. **E-Choupal** • World's Largest Rural Digital Infrastructure initiative by ITC Ltd. • Empowering small/ marginal farmers. • Access to information: best practices, market prices, weather updates, products etc.

decades by various government & public sector agencies. **Interview Byte** of **Mr Anurag Jain (IAS) – Principal Secy to CM & IT (Madhya Pradesh).**	• Customized to local culture, needs & language. • Modernizing Traditional Agricultural Systems • Increased efficiency & speed in supply, demand & delivery chain. eChoupal Shots
Slowly but surely, technology is shaping India's agricultural landscape… Elsewhere, its technological agencies are coming together… To ensure that the ambitions of its brightest assets are realised. They are creating tomorrow's leaders, path-breakers & vision-makers… Through the vehicle of E-Education.	Transition shot Cut to: We open on a wide shot of a group of young faces: children from all strata, boys & girls: eager & hopeful. They represent the 'future of India' Visualization: The idea here is to have an interesting group of young India lined up in the horizon to explore the future. A mix of block shots and moving shots creating a lyrical signature to the opening of the film. Graphic Text Overlay appears: **E-Education** as graffiti style with boys and girls with positive attitude.
It's a satellite-driven, web-enabled, 21st century solution to India's most crucial education needs. E-education is uplinking top-quality learning modules across India, reaching even the most remote & underserved areas. 2004 saw the lift-off of the Indian Space & Research Organization or ISRO's *EduSat-India's 1st satellite dedicated to distance education.* Partnered by the Indian Ministry of Human Resource Development and other stakeholders from the public & NGO sectors, the EduSat hopes to set up at least 25-30 uplink centres across India. Each uplink centre will reach 5,000 remote centres. The state-of-the-art satellite network also allows India to transfer its technological wealth through the Pan African eNetwork. This project aims to reach 53 nations of the African Union.	Visuals of educational institutions across India: including primary, secondary, college, and vocational and soft skill training institutes. (related to E education) All the visuals of students in their classrooms across the areas benefitting from this depicting the laptop studying atmosphere. Archival footage of ISRO's EduSat: from visuals of their DVD. + General eEducation shots. Children in eEducation classrooms etc. VISUALS: MAP extending locations movement in an interesting high graphic visuals leading to Pan African Nations involved in the project

Under its tele-education initiative, 7 Indian universities will provide 5 African university centres with uplinked, interactive lectures for various fields of study. These 5 centres will further uplink across 53 remote learning centres using VSAT technology. *Sync sound from the live Pan African e-education interactive session.*	Pan African shots of students listening to uplinked lectures/ lessons.
Technology streaming in from satellites… …is also beaming in hope for the health sector… …Thanks to the advent of E-Health Across India, close to 700 million people in the most unreached regions… Are getting never before access to secondary & tertiary medical care. *India's top doctors are now making virtual house calls.*	Transition from large satellites pointing towards the sky to… People at various settings looking into the camera with hope and trust. (General visuals of rural & small town India) Visuals of fast passed cutting-edge healthcare + Computerized diagnostic tools (MRI machines etc.) We cut to see young dynamic doctors standing as they underline the title of the film- **E-Health**
The late 1990's saw the firm foundations of telemedicine being laid in India. It's aim: To connect India's rural & underserved populations to a network of best doctors, diagnostics & healthcare services. Using Information & Communication Technology supported by ISRO's VSAT, medical institutions like AIIMS, Apollo, Sneha Hridayalaya & Fortis Group etc. have set up a system of tele-consultations, remote diagnostics, health monitoring and in some cases – expert-supervised medical procedures. **Interview as Health Expert Dr S.K. Mishra, Head & Director of SGPGI, Lucknow (Known as "Father of Telemedicine" in India)** But its not just Indian locations that will benefit from this technology. The Pan African telemedicine network enables 12 super speciality hospitals in India to consult across 53 remote hospitals in the African Union. Besides the satellite & ICT support, India will equip remote African telemedicine centres with all the essential medical hardware to carry out	If we get the visuals of first tele medicine conference we will use it or else we will play with graphics along with present visuals **Text On Screen with related live visuals:** **Tele medicine** • Driven by Information & Communication Technology (ICT) • Provides Top Quality Secondary & Tertiary Healthcare Services in rural & underserved populations. • Powered by ISRO's VSAT (Very Small Aperture Terminal) • Tele-consultations, Diagnostics, Healthcare Monitoring & Expert- Supervised Medical Procedures. Visuals of Pan-African network in action (a tele-consultation is in progress, deliberate shots of people from African countries on screen etc) + A stylized switch from India to Africa on the map with the 53 remote locations marked on it.

diagnostics. The Tele-Medicine network will also provide continuing medical education (CME) services. This includes medical courses offered by the Indian and AU Regional Super Specialty Hospitals. CME services are also being extended to SAARC countries like Afghanistan, Nepal & Bhutan. **Byte: Bhutanese telemedicine student**	Visuals from Telemedicine specialist end (Chennai): Pan African eNetwork
Interview: Mr R.K. Upadhyay, Chairman, TCIL .	
As this technology transfer empowers other communities across the globe… The UIDAI will empower over 1 billion Indian residents by issuing them Aadhaar numbers.	Transition from Pan Africa visuals to… Exterior shots of UID headquarters Cut to village where the enrolment booths are set up.
It's a project set to change the lives of ordinary Indians, like Latha from Gulur village in South India. For low-income families like hers, Aadhaar can grant access to a whole new world of opportunities for employment, nutrition, infrastructural & health services etc. Today she is here to submit her biometric and demographic data that will grant her a unique identification number. Inside the booth, technicians unravel the special enrolment Kit, which contains all tools to capture each individual's data and send it to the UIDAI's Center ID repository. 4 pieces of demographic information – name, age, gender and address along with 3 pieces of biometric data – fingerprints, iris scan and photograph of the resident will be captured. Biometric de-duplication ensures no two identities are interchanged or duplicated. *Sync audio of a live session in progress. Measurements are taken.* Similar booths are being set up across the length & breadth of the country to ensure that no man, woman or child is left behind.	We see the *case study (from Tumkur district) , standing outside the booth. Close-up shots of the enrolment Kits Case-study's biometric and demographic data being taken Actual biometric data collection in process General, working shots of the UIDAI booths
While the UIDAI is turning its challenges into development milestones for the nation…	Transition from UIDAI tech centre working shots to wide, panoramic shots of India's farmlands.

India's technology-enabled agricultural project, EChoupal, is also breaking new ground.	
Village NARSING KEDA in Central India is one of the 6,500 choupals or village kiosks across 40,000 villages catering to 4 million farmers. The eChoupal is enabling & training the local community to better manage itself. When farmers like Kishore Singh walk in, they are greeted by a 'sanchaalak' or facilitator from his own farming community, trained to operate the eChoupal system. Today Kishore Singh has a few basic queries about market prices of his crop: soyabean. (*Sync audio of interaction at the eChoupal: Perhaps a discussion about market prices for the crop he's growing.*) A few clicks of the mouse and the web-enabled, computerized network provides Kishore Singh with the current prices of soyabean at which he can sell his crop. (*Sync audio of the interaction*) For Kishore Singh , the eChoupal eliminates several levels of middlemen & standardizes processes – allowing him to make profits that have more than doubled in under a decade. In the last 9 yrs he has seen his yield go from 1 MT per hectare to 1.2 MT per hectare thanks to the scientific farming techniques he has learnt from eChoupal. It also creates a community of more informed, aware & empowered farmers…. **Interview Sanchaalak**	eChoupal Shots Actual eChoupal consulation (with our case study) Text On Screen (CREATIVE GRAPHIC-VISUAL REPRESENTATION the idea is to have the text with the live action footage. Scientific farming technologies, available range of agri-products, weather updates, prices (from local mandis to international markets), risk management data, livestock management (*additions to be made to this list if indicated.) Choupal Saagar shots
The eChoupal initiative is bringing a sea change in the fortunes of each farmer it reaches… Meanwhile, the EduSat-driven e-Education initiative is brightening each student's future with every lesson it uplinks…	Transition
And It all starts here… …at the Indian Science Research Organization or ISRO, which has designed, deployed & maintains the EduSat. The satellite creates an interactive network for the E-Education process.	Imposing exterior shots of ISRO building in Bangalore + Working ISRO shots **Graphical Interpretation:**

By connecting its 'Teaching End' & 'Classroom End', it is connecting India's best educators with students who need it the most: *nationally & globally.* While ISRO provides the satellite technology, New Delhi's data centre becomes the main hub for the Pan African eNetwork. The Telecommunications Consultants India Ltd. is the nodal agency from where lessons are conveyed to the African Union's hub in Senegal. *Interview Byte:* ISRO Chairman When it comes to designing the lessons – that task is in the able hands of agencies like the UGC, ViCTER & the Indira Gandhi National Open University or IGNOU. These agencies maintain Teaching Ends or terminals that design & uplink e-lessons to the satellite. The technology is set up such that students from anywhere in the country & abroad can have real-time interaction with top-quality educators. *Sync Sound: *Here we cut to a live call coming into the IGNOU studio. The lecturer is asked a question, s/he answers or a live interactive classroom session* Lessons cover Primary, Senior Secondary & Higher education. There are special modules for Technical & Teacher Training as well Soft Skills training. Of special note are modules designed specially for Indian Army soldiers, which are broadcast to army camps at several locations including Laddakh. Special courses are also transmitted to African nations as part of the Pan African eNetwork. These include Postgraduate & Undergraduate courses are well as Diploma & certification courses. As these lessons are uplinked…in India & overseas… *…Class is now in session.* (Sync Audio: Class in progress)	EduSat: How It Works (Animation/graphics of how the satellite uplinks info from the Teaching End & broadcasts it across Classroom Ends all over India – This can be one-way or a two-way, interactive process) TCIL Shots Exterior Shots of IGNOU. *Insert stylized 10 seconder – different screen shots of various IGNOU channels in fast cuts.* Shots of the Teaching End: Studios, lessons in progress, technical infrastructure at IGNOU. **Text On Screen:** we see related live shots and the graphics come highlighting the system. **E-Education: Delivery Modes of eLearning** • One-way TV broadcast • Interactive TV • Video Conferencing • Computer Conferencing • Web-based Instructions etc. Shots of a live, interactive session in progress. + Shots of the curricula being uplinked from IGNOU: Screen shots of computers, teachers giving lectures etc. Shots of Pan African IGNOU sessions Transition to Haryana village where we find students getting ready to receive their lesson. Short sequence of a class in progress. More Classroom End shots +

If E-Education is able to create open, virtual classrooms, it is only because Indian state-governed & non-profit agencies like Utkarsh in Haryana, are working tirelessly on the ground… Across India, these agencies are injecting fresh hope into the community, by setting up Classroom End terminals where they're most crucially required.	Utkarsh branding if needed in the background if possible All these young boys and girls are shot in front of an interesting background of their native places.
Reaching the unreached is the primary objective of India's biggest technology-driven initiatives… In rural & small town India, it is making the crucial difference between life & death…	Transition from the village school scene in Haryana to wide, panoramic shots of Aragonda village.
Welcome to Aragonda's local hospital. Once a sleepy hamlet in Southern India, with the nearest specialist nearly 250 kilometres away, today it is a testament to the power of telemedicine. As the doors of the telemedicine clinic open, 6 yr old Master Hussain walks with his family. 4 yrs ago he was diagnosed with a rare neurological disorder that none of the local hospitals were equipped to treat. Hope for Master Hussain came in the form of telemedicine. Today he is here for a scheduled check up. First, a thorough examination with state-of-the-art diagnostic tools is conducted to get a complete picture of the young boy's condition. Meanhwhile,175 kilometres away, in Chennai, top Neurosurgeon consultant Dr. Balamurugan awaits to consult Master Hussain through telemedicine. The interactive technology allows for the doctor to make further enquiries & provide a speedy diagnosis. *Sync audio of consultations at the Chennai end. + **Short Byte of Dr Balamurugan** The entire procedure has cost Master Hussain's family less than 1/5th the cost of a conventional consultation in a big city. This successful tele-medicine module is also	Nice pan shots and Arial /toppish shots Visuals of Aragonda and its hospital The introduction of the case study – the clock stokes the right time and we reveal Master Hussain with his family Shots of the telemedicine room/kiosk We come back on Master Hussain Live telecommunication session in progress (with case study). Shots of patient being studied with stethoscope, other diagnostic measures being taken by local doctor Cut to Chennai End Live session (the case study's condition is identified, conveyed to their family)

being replicated across the African Union through the Pan African eNetwork. Here patients at 53 patient-end centres can get the best speciality & super-speciality care that India has to offer. Digital technology has given people like Mast Hussain & others a fresh lease on life – today, after life-saving interventions & surgeries; he is well on his way to having a normal life. **OPTIONAL Short Byte of Mast Hussain's father and mother**	Live Pan African session Shots of our case study with his family: now happy & healthy.
As telemedicine heralds a new dawn for healthcare services in the developing world... Aadhaar has the potential to change the lives of India's most disadvantaged residents.	Transition from Master Hussain & his happy family to Aadhaar's South Indian case study's village/ home
For India, these challenges are well worth taking on... Because the benefits of Aadhaar have the potential of changing the lives of the residents of India. In the future Aadhaar can enable access to a number of ID based services: from ration cards & voting cards to driver's license & passports etc. UIDAI will provide anytime, anywhere online authentication of the Aadhaar number Residents will be empowered to benefit from special government schemes & services that require them to produce a proof of identity Aadhaar has the potential to enable financial inclusion for a large and thus far unbanked population. Using a widespread network of business correspondents, Human ATMs banks and financial instiutions can allow Aadhaar to bring financial services to a large number of poor residents who at present have no such access. With these goals in mind, the UIDAI, along with its stakeholders is moving full steam ahead towards completion of the project in the next 5-7 years. It's enlisting an army of state & central	Explain (possibly through graphics) how the data collected is sent to the Central ID repository, deduplicated and the Aadhaar number is generated.General, working shots of the UIDAI booths Show the resident receiving her Aadhaar number through India Post General visuals – man walking with an ration card , taxi driver showing his license etc. Visuals symbolizing various govt schemes: villagers building roads/ construction (NREGA), People availing of PDS, children studying in schools (SSA) etc. Visuals of the common man counting money , exterior bank shots, holding ATM cards etc. Visuals of migrant labourers, poor citizens etc. Working shots of the UID- from both the headquarters & the biometric data collection booths General Shots of villagers Indians (of different age groups) a 360 degree

agencies, PSUs, banks, district-level functionaries & of course – the public. Aadhar is empowering new voices to shape the nation's destiny, Thanks to a single 12-digit password to prosperity.	shot where we keep changing the person. As the 12 digit numbers are overlaid on the screen. The digital numbers convert into the letters **UIDAI** **The future is here**
Elsewhere in the farms of India, the benefits of using technology in development schemes have already begun showing….	Transition to village scenes
12 yrs since the eChoupal's inception, entire agricultural communities have experienced large-scale economic turnarounds. A turnaround that has translated into additional benefits like women's empowerment, conservation, watershed development, supplementary education and much more. With technology evolving, the eChoupal initiative takes its next step – into mobile telecommunication. **Interview eChoupal ITC Executive Mr S.Sivakumar (Head – Agri-business):** As the digital revolution sweeps across India's farms, it brings a new wave of hope for farmers like Kishore Singh …Now thanks to eChoupal, *the winds of change are finally blowing his way.*	General visuals of village. + EChoupal visuals General shots of the community. Women's groups, children in school, watershed programmes, conservation initiatives etc. Farmers using mobile phones. We come to a shot where we see a farmer smiling into the lens, proud farmers (a mix of men and women) in an open field. Nice wind is blowing, a high- speed shot. Graphic Text overlay as graffiti style in the field: **E-Choupal** *Future is here*
Across the country, virtual classrooms are lighting up the pathways to success for countless students… Bright sparks like Mamta whose humble background belies her ambitions of becoming a computer professional. **Success Story Testimonials:** Mamta an NIIT student talks about being the daughter of a labourer. She talks about how she would not have been able to go on to NIET if it weren't for eLearning initiatives. Others like Anil, whose father makes minimum wage, are now looking forward to a career in engineering. Across borders, there are others whose dreams have now become a reality.	Cut to Haryana & Utkarsh's classrooms. Shots of Mumtaz & her family Supers reinforce her achievements: **Mamta** **Father: Labourer** **Mother: Housewife** **Educational Qualifications: B Tech, Electronics & Communication** Shots of Anil & his family Super: **Anil** **Father: Metal Worker** **Mother: Housewife**

As Information & Communication technology touches millions of young lives… It is nurturing the future: Tomorrow's doctors, scientists, lawyers, artists and achievers… E-education has sown the seeds… …Time now, to watch them grow.	**Educational Qualifications: Civil Engineering (2nd year)** We go back to our opening segment shots where we have our young boys and girls … standing in style in the block frame. We see a raw hand sketch adding their dreams on the visuals. Drawing a doctor's coat and a lawyer's dress, adding engineer's helmet on these subjects. A metaphoric shot where we see the aspiring young Indian smiling. We come to the final frame and We read text written as Graffiti style – *E education* *Future is here*
As these young hopefuls chart their future… …Technology is taking telemedicine on the road to every corner of India. This is Mobile Healthcare.	As we leave the Haryana village, Road shots fade out… Fade in shots of a different road. Cut to hospital on wheels.
The Hospital On Wheels travels to remote locations, equipped with diagnostic kits & linked to the telemedicine network via VSAT. Telemedicine is also looking the future with mobile healthcare, using the omnipresent device of cellphones to disseminate medical services. **Interview, Dr. Prathap C. Reddy (Chairman Apollo)** With a decade of telemedicine under its belt, Indian healthcare has come a long way. But there are still more landmarks to attain, many more lives to heal. Because beyond the technology & science, telemedicine's true success is measured out in smiles. Smiles like Mast Hussain's that signal a new lease on life & a disease-free future… *All thanks to the prescription of telemedicine.*	A mobile healthcare bus on the roads, a collage of different shots We cut to the ECU of the bus wheel as it stops at its destination. Hospital on Wheels shots, we see in detail now the health bus and villagers benefited with the service m-Health shots, we see people with the hand sets , brief ECU shot of the software mobile health on a handset. General Telemedicine shots Lingering, memorable shots of the young boy, Master Hussain, who is laughing & playing. We see other people and their smiling faces , slowly dissolve seamlessly into an ECG machine's screen , the life line converts into the graphics - **E-Health** *Telemedicine* *Future is here*
Satellite & Information technology aims to transform all the development sectors of India. And the vision is far-reaching….	**Graphical Collage:** This is a graphics sequence where 4 headings pop up with 'common man' visuals: • Unique Identification

	• E-Education • E-Choupal • E-Health &Telemedicine
A billion-strong dream powered by technology, is fast becoming a reality. It's an India, which walks shoulder-to-shoulder with its global partners. Where every village, town & city is a hub of modernity, every aspiration the passport to prosperity… …And every Indian a stakeholder in his progress. A future where 'every man' is the hero in India's success story. *This is India 2.0 – Towards A Networked Nation*	A strong, moving & inspirational closing montage of visuals: It symbolizes progress, movement, technology, prosperity – all through the common man, regardless of age, gender, community & economic status. Shot & edited stylistically, lyrically with showing the world the strength of India and Indian within the backdrop ofour national flag. We come back to the original graphics of the film title

• If the time permits few additional bytes of important people will be added