Antarnetra Innovations Pvt. Ltd.

New Delhi (INDIA)

www.antarnetra.com

About
Antar**net**ra Innovations

antar**net**ra
INNOVATIONS

2017	75%	25
Foundation Year	Workforce in R&D	Year of Domain Expertise

At **Antarnetra** we are here to help you in your automation, control and monitoring needs with our Embedded system technology and IoT solutions.
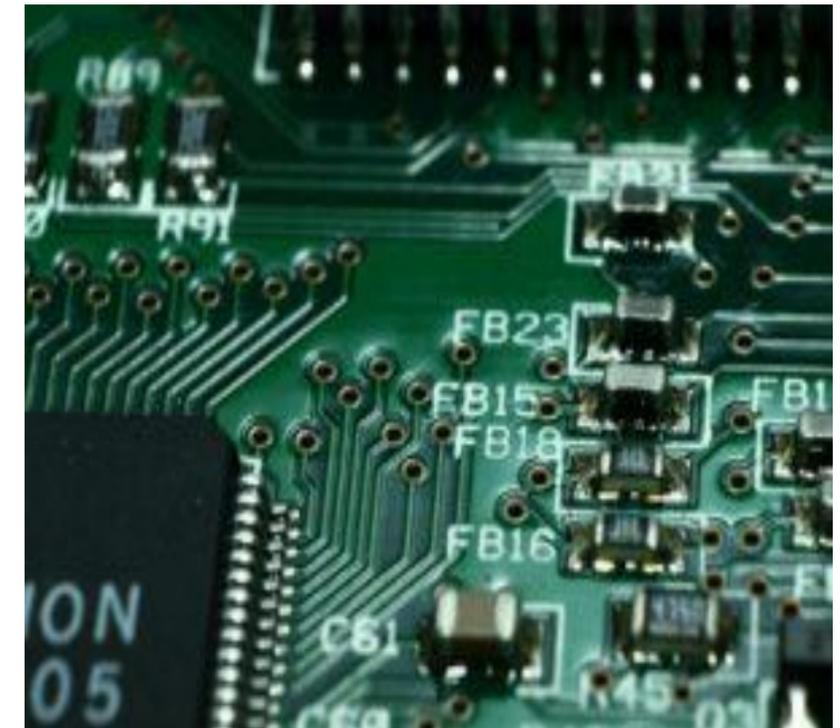
We provide customized, cost effective and state of art solutions to variety of sectors, including but not limited to Oil & Gas, Water distribution, Irrigation, Chemical, Pharmaceutical and Automotive.

We are a New Delhi based technology startup in research & innovation of Embedded and IoT (Internet Of Things) systems. We provide end to end turnkey solution to facilitate products from "**Concept to Commercialization**".

Antarnetra positions itself as an industry leader in Wireless and Smart Technologies used in Home, Building, Industrial Application and Safety Critical devices.

We are:

- Passionate about solving complex automation problems.
- Domain experts in Embedded Designing and Industrial Internet of Things (IIoT)
- Disrupting the way SCADA based Industrial Automation works.
- Offering cheaper and smarter solutions as compared to SCADA.
- Affordable even by the SSI/MSME in their factory automation endeavors.

Our Solutions

Our solutions to your automation problems come in the form of highly scalable and programmable, state of the art **Embedded system Solutions** as well as meticulously crafted, cost efficient IoT solutions.

IoT Solutions are complete remote management solutions. They enable you to:
- Remotely Control your processes
- Remotely Configure and manage your systems
- Remotely monitor your equipment
- Remotely Track system Performance
- Get Alarms if something goes wrong

Use wireless or wired media network. The network here could be an Internet or 4G/ LTE/GSM network .

Our solution is flexible to diversified applications such as:
- Smart Factory
- Smart water
- Smart Metering
- Smart Energy
- Smart Cities

antarnetra
INNOVATIONS

Our Services

TURNKEY BASED SYSTEM DEVELOPMENT

We enable you to come up with newer products quickly, with a reduced time to market by helping you migrate your existing embedded firmware to most recent platforms. We also offer our services to integrate, validate and test your existing systems.

HARDWARE DESIGN & DEVELOPMENT

We make use of most popular and efficient and cost-effective processors, micro-controllers and operating systems. This ensures that your development activities are well supported and always up-to date.

SOFTWARE DESIGN & DEVELOPMENT

We offer our services for Board Support Package (BSP) Customization, Device driver development and porting, Middle-ware and protocol stack porting & integration, Application development and porting, Re-engineering and Reverse engineering.

VLSI DESIGN SERVICES

We have expertise with several hardware description and verification languages, advanced verification methodologies and EDA tools & technologies. Our team of is adept in end to end logic design & Custom IP Development and FPGA prototyping-emulations.

APPLICATION DEVELOPMENT

Customize Dash-Board application for client-servers, Interactive Graphic User applications, Mobile App & Cloud based services.

antarnetra
INNOVATIONS

Our Products

antarnetra
INNOVATIONS

GSM Based Device Controller

CYGNUS®

Antarnetra's Cygnus module is 2G/3G/4G GSM SIM based device controller that can control your electrical devices from any part of the globe with just an SMS or a missed call.

FEATURES & BENIFITS

- User friendly
- Work with any 2G/3G/4G GSM SIM
- No distance barrier
- Runs on both single or 3- phase AC Supply
- Farmers need not worry rough weather, wild animals or night conditions.
- Support any kind of starter
- Firmware upgrade Over The Air (FOTA)

- Five minutes to install
- One SMS to Register your Mobile
- One SMS to Start or Stop your device
- Start /stop through missed call
- Module sends back action taken SMS
- SMS upon power failure and restore
- SMS if your device suffer failure

CYGNUS
AIPL-A001
www.antarnetra.com

antarnetra INNOVATIONS

CYGNUS is useful for remote operation of Motors, Pumps, Advertising Display Boards or any electrical system used in irrigation, industrial commercial and domestic establishment.

Antarinno Smart Water

How can you make sure that your pumps are operational (ON/OFF) when water levels change, or when water quality exceeds the permitted pH levels? What are the current Chlorine levels? What is the current pressure level in my pumps?

A Truly Simple Solution

Simply put, our IoT solutions harness the power of technology to get you the vital information you need faster and easier than you ever imagined.
Our solution, gives you access to real-time information about:

➢ Water Levels
➢ Pump activity and status
➢ Pump ON/OFF and Scheduling
➢ Energy Consumption
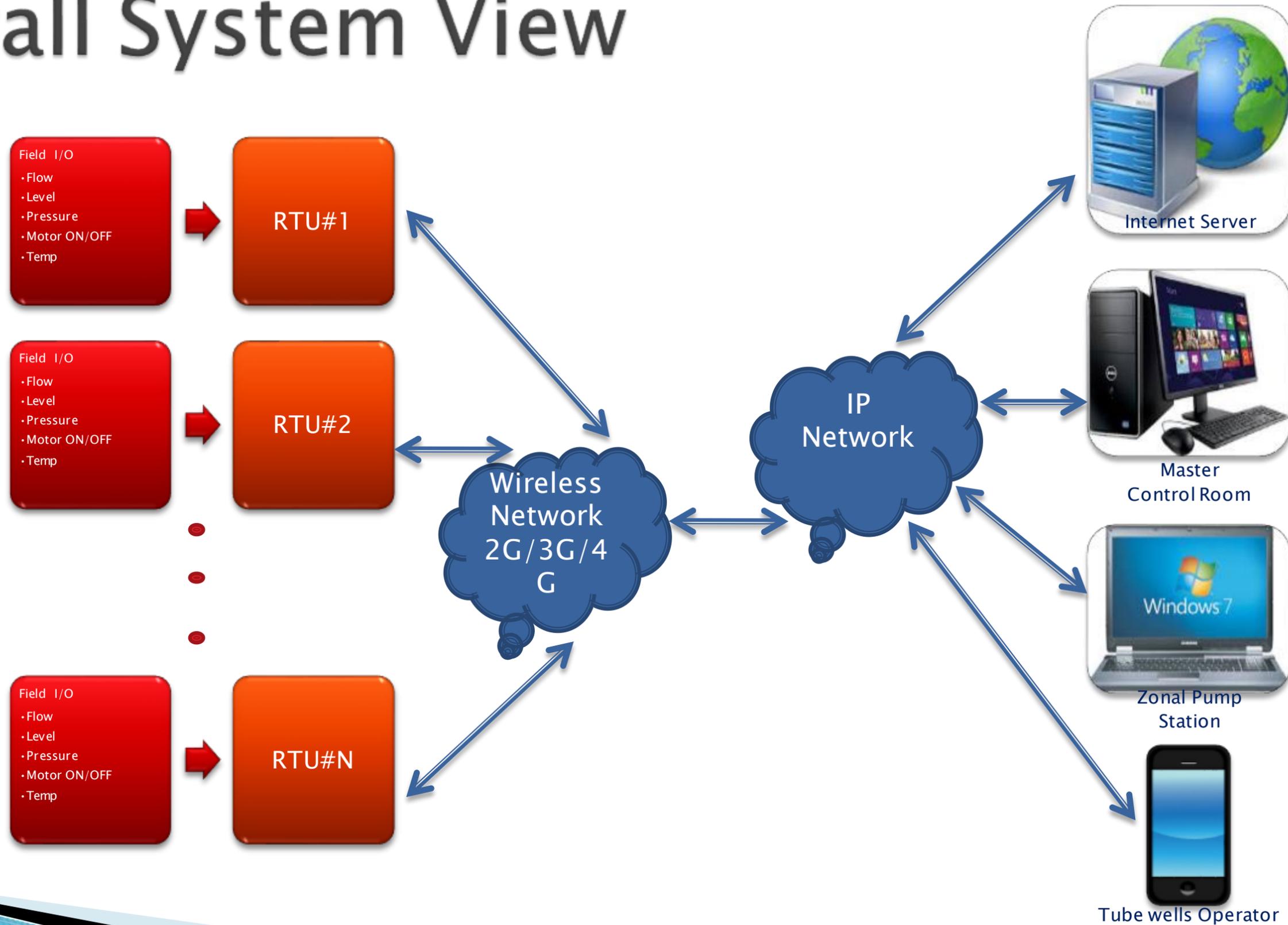➢ Flow and Pressure etc.

What to monitor & control?

Track operations online
➢ See how much levels and flows in your tanks
➢ Power Consumption and Power Factor
➢ Monitor the pH levels of your water.
➢ Immediately spot if something is wrong

Operate equipment remotely
➢ Turn on or off your pumps or other equipment such as heating or ventilation, lighting etc.
➢ Configure and send Email/SMS alarms to yourself or service personnel

Overall System View

Team

Sanjay Srivastava
Co-Founder & Director

As Co founder & Director, Sanjay shapes strategies to drive customer acquisition, market focus and Product Engineering. Sanjay holds a B. Tech Electronics & Communication degree from MMM Engg. College Gorakhpur. He brings 25+ years of Embedded System experience to AIPL.

Vikas Prakash Gupta
Head Business Development

As Head Business Development, Vikas directs both business operations & Financial Operations. He shapes strategies to drive market focus, revenue growth, solution delivery. Vikas holds a B. Tech Electronics & Communication degree from University of Poona, PUNE. He brings 25+ years of Embedded System experience to AIPL.

Piyush Srivastava
Head Sales & Marketing

As Head Sales & Marketing, Piyush shapes strategies to drive customer acquisition, market focus, marketing and customer success. He leads brand positioning strategy and demand generation. He brings 15+ years of Sales & Marketing experience to AIPL.

Clients

JAL NIGAM

JAL KAL

NAGAR NIGAM

DJB
(AIPL is serving clients through associated CHANNEL PARTNERS.)

Thanking You..