



LEADING THE WORLD IN WEB AUTOMATION

THE PARENT PIPELINE

It was in 1952 that New Era Industries, the parent establishment of NECON, engineered a new climate of leadership to pass on unrivalled heritage in biscuit making machinery with the largest infrastructural setup in Asia.

Set in the renowned industrial environs of Ludhiana, Punjab, New Era Industries, the parent institution of NECON commands a modern plant with a majestic sprawl of 9,900 sq. mts. Here the company stocks India's latest available technologies alongwith the inbuilt flexibility to meet individual, need-based clients.

Not only does the company host a virtual leadership right upto southeast Asia and beyond, its impressionable strides as the global leader with the largest manufacture of biscuit making machinery, speaks volumes. Equally noteworthy is the independent and inhouse machine shop, offering valued-based facility of 4-axis CNC vertical Machining Centres and the CNC Slant Bed Turning Centres to produce precise and accurately machined components for a wide product spectrum.

The optimum quality tests that the company offers are ongoing rigorous quality tests and total customer satisfaction - which are the company's crowning glory.

Though this exclusive pedigree of excellence continues to be monitored effectively by NECON, the dynamic 50 years of foundation effort continually put in by New Era Industries has currently wiped out the prevailing competition and stand out as the **indisputed leader in Biscuit Process Plant Technology.**



OVER TO NECON

Understanding your needs

At NECON, we understand that products alone do not provide solutions. To deliver true value in a control system, it takes more than just an understanding of how to configure various components. It requires an understanding of your business requirements, and your applications!

Whatever be your business and whatever be your application, we at NECON always strive to deliver an automation solution that helps you truly operate your manufacturing systems and processes in sync with your business goals and therefore helping you achieve better results!

Understanding NECON's horizons

NECON has emerged as the largest system Integrator in India for computerising Process Plants providing integrated Web based Industrial automation solutions, process control and installations. Infact, the company started its activities in Industrial Automation providing turnkey solutions to various process plants in the public, private sectors to include upper crust MNCs, worldwide. This high-pinnacle success is based on a host of far reaching factors. We are engaged in providing complete connectivity from Shop Floor to Top Floor (also termed as P²B - process to business), which ultimately leads to the '**Web Automation**' vision.

The exclusive and complete plant is run on modern, hi-tech facilities, instruments and systems, set amidst ecological horizons of a well-manicured coverage of 1,500 sq. mts., in the vicinity of New Delhi at Gurgaon.

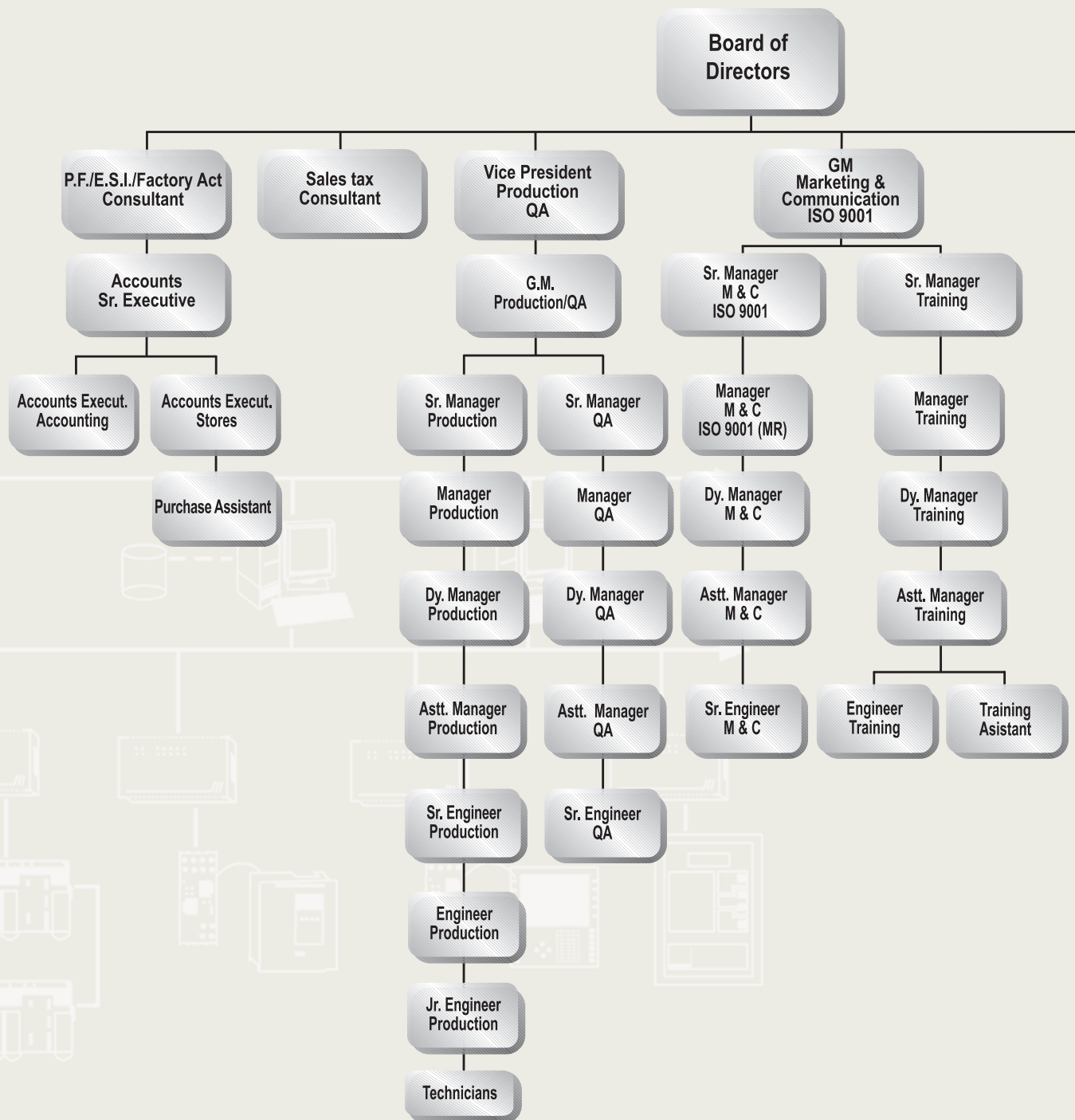
The professionally trained workforce at NECON has all the expertise and talent in R&D, information update and equipment supply to qualify for complete consulting in the setting up of new projects and in the maintenance of existing sites.

Remarkably, the company's own Training Unit strives to bridge the gap between the demand and the availability of seasoned professionals, practising engineers including fresh entrants - this, indeed, has become the growing need of corporate establishments. Needless to say, this gives NECON the power-packed edge to cater to a wider spectrum of corporates.



OUR BEST ASSETS...

The NECON Team



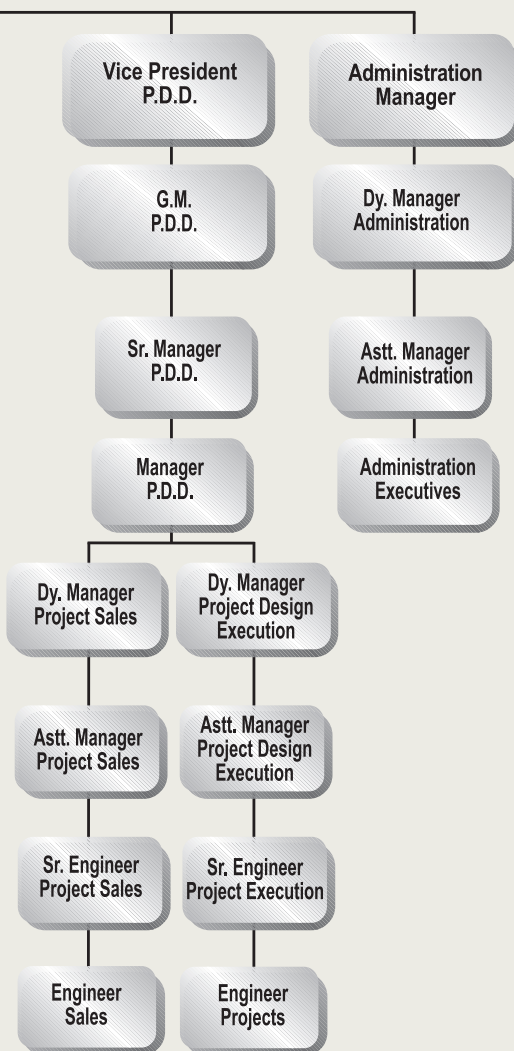
MISSION AND VISION - The complete environs

While our 'broadbased core mission' energises and fine focusses our consistent endeavour 'to do India proud in Industrial Automation', throughout the world, we eventually submit -

- Our 'values' are honest... curious... intuitive... cosmopolitan.
- Our 'capabilities' aptly describe us as 'strategists'... 'technologists' ... 'futurists' ... 'globalists'.
- Our 'scope' is kept wide open to cover the traits of being 'diverse' ... 'multidisciplinary' ... 'transworld'.

No mission, however laudable can really take off the ground unless there is the 'motivating vision', which acts as a jet propulsion agent. A more candid view of our Mission Statement lays equal stress to support the following concerns in totality.

- To strive towards continuous update in the quality of technical services, accompanied with holistic advantages which shape the character.
- Live enactment of our principles to sustain endurance alongwith qualities that deliver speed, flexibility and the challenge to take on risks for comprehensive improvement.



Success

is a

state of

the mind

THE WINNING TALENT...

Specialisation focus

Apart from attaining the pride of position in the world's Automation Sector, and of being the largest system integrator in India for Web Automation, NECON's team of engineers are professionally equipped to work on the latest platforms of any globally reputed mega group, to include-

- Schneider Electric
- SIEMENS
- Ge-Fanuc
- Mitsubishi
- Danfoss etc.

Web Automation... a global priority

This is the latest technology which is used for any industrial automation project today. In Web Automation, we commence with open technology standards like Ethernet, TCP/IP, HTML, Modbus, MS-DNA and HTTP etc. Subsequently, we move on to apply other Web Technologies, such as Extranet, Intranet, XML, PLC,

DNS, Thin Client, LAN, WAN, Proxy etc. invariably, the core Open Technology remains Ethernet and TCP/IP. This 'brings Ethernet Technologies to the Factory Floor'. This is also called P²B (process to business) concept and ultimately leads us to real time connectivity from Shop Floor to Top Floor.

What exactly makes this concept more agreeable are the 'Web Automation' components which provide "plug and play" facility to the maximum extent possible. Today we can safely deduce that the concept is also "easily understood and obvious". Quite naturally, the concept is easily understood and transparent to those familiar with Web browsers such as NetScape Navigator or Microsoft Internet Explorer.

Total transparency today

NECON's vast interaction with Schneider enlists a spectrum of transparent values. Schneider's embedding of Web servers (those computers on the Net where you find Web sites) within the 'Web Automation' products is



an innovative and unique offering which further extends the Internet's technological tidal wave to the factory floor. Web servers already exist in some factories, in the form of stand alone PC, separate from the control system.

This web server technology is embedded within a PLC system so that it can be accessed "transparently" from anywhere in the world; usually from the local Intranet, but also over the Internet if so desired.

Notably, the Web-Embedded Server also has a user-definable portion for specific views and access of data, and a totally free format space for HTML pages (the format for Web site pages) which the

server can define to further enhance the Web site. All this means that PLCs can now be shipped with machines (eg : machine tools, assembly machines, etc) that automatically contain embedded Web sites with lots of information. They can be called up from anywhere in the world and looked at with a browser to diagnose a problem (assuming a physical connection such as phone/modem exists) instead of sending a service technician in person. These PLC Web Sites can be further enhanced to link to other Web sites, to contain applets (small, independent application software modules) that automatically e-mail a list of people in case of



Involvement

is

distinction

half done

problems in the system, to link to users manuals and on-line documentation for further immediate troubleshooting.

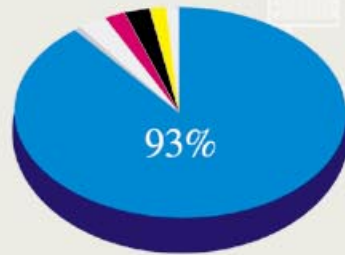
The Web based automation benefits

The new features and functions that are derived from the proven Ethernet and Internet technologies of Transparent Factory bring a host of advantages.

- **Reduced cost of engineering network systems** - use the same technology on the floor as your information Technology department uses in their business systems, thereby using the same resources. Standardize on a common networking infrastructure for all manufacturing needs - information and control, and use commercially available Ethernet TCP/IP devices, cabling, etc., that are less costly to purchase, install and maintain.

- **Reduced training costs** - for programmers, designers, network architects, versus proprietary systems. Eliminate training for other “experts” required for proprietary systems.
- **Reduced implementation costs** - for start-up and commissioning, including travel costs and costs of outside “experts” to do the same.
- **Reduced life cycle costs** - for the overall project since the long-term effects of the savings will continue after several phases of a project.
- **Reduced upgrade costs** - through the utilization of low cost bridges (e.g. : Modbus TCP/IP bridges) and commercially available products.
- **Ease of use** - prior knowledge or training not required.
- **Internet Driven’** - browser will become the standard Operating System (OS).
- **Remote monitoring** - real time process control and plant information from anywhere in the world.
- **Easy integration of PLC systems with ERP, MIS etc.**

- **Elimination of proprietary integration and development.**
- **Reduces Downtime** - if SCADA fails you can use any Web Browser/Laptop.
- **Lower cost of maintenance** - the system can be accessed remotely to get your plant up quickly.

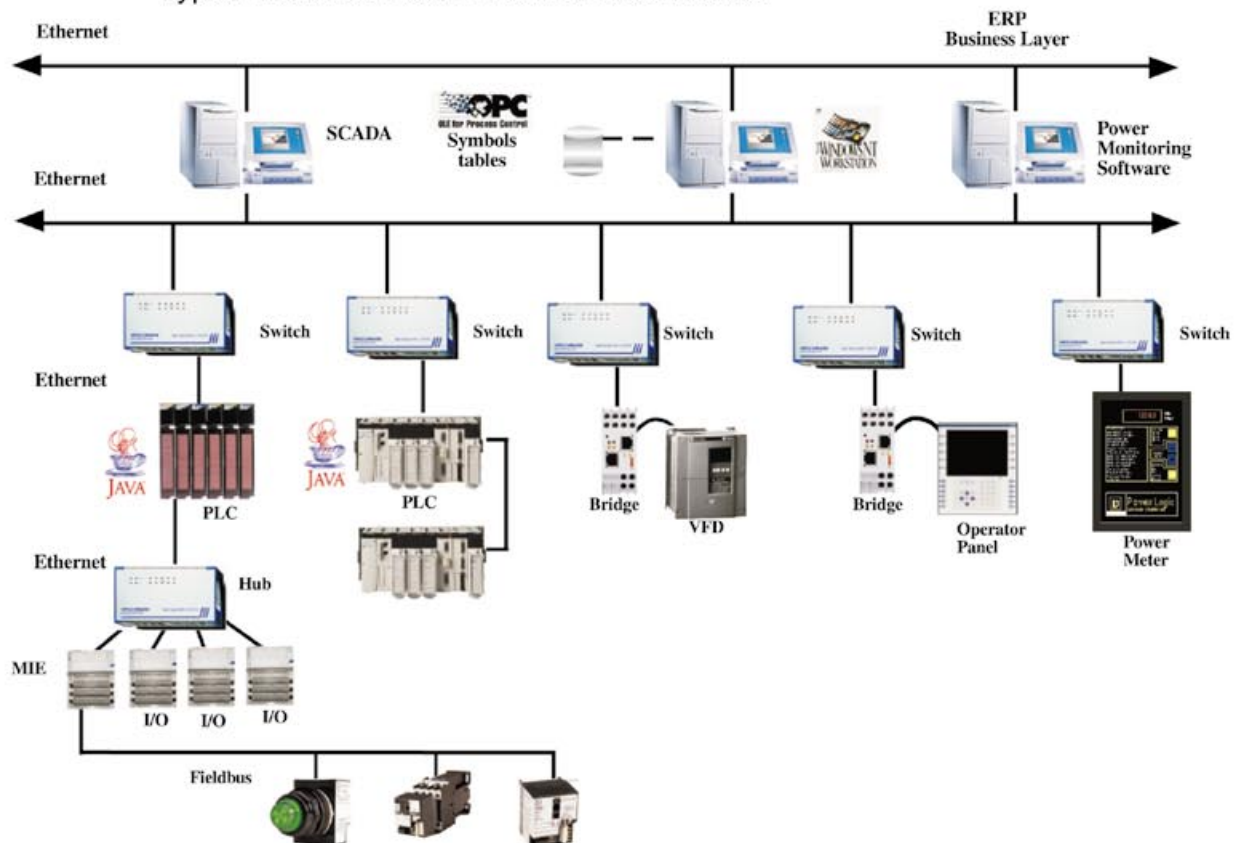


Web

Automation

“Bringing Ethernet Technologies to the Factory Floor”

Typical Web Automation Network Architecture



*Total
solutions
for a
better world*

BRINGING OPTIMUM PRODUCTIVITY...

Accent on applications

Taking into account, the vast and the all-around progress of NECON, special mention is made to the application of web based automation on the sectoral selection of Pipeline projects which essentially promote development in blue-chip areas, keeping close harmony with the most innovative technologies and techniques.

WATER TREATMENT PROJECTS

(a) Drinking water distribution system - for large townships

The Installation

This methodology requires the highest standards of operation, safety and availability. The distribution and production of drinking water on a 24-hours a day basis must be managed by a 'centralised and distributed' control system.

The Utility

Management of water/ Wastewater today, requires a network that is entirely automated and managed by a centralized monitoring and control system ensuring the safety and the availability of the water supply.

The Benefits

The new high performance, high quality control system allows users to monitor the world class operation and maintenance of the water distribution system.

(b) Automation of major water treatment facility - for large townships

The installation

This technique is used to bring effluent quality in conformity with reputed and widely accepted norms. Also ideal for places infested with water pollution, sludge and air.

The Objectives

- Improve the reliability of the unit by consistently attaining the required quality of effluent as well as the quality of the agricultural sludge produced.
- Optimization of the availability of the installation in order to conserve, under all circumstances, an elevated continuity of service without degrading quality.
- Improve the capacity of the control system to integrate evolutions - in function or in treatment volume - via base architecture extensions without altering performance.
- Production, quality and maintenance management.
- Mastering of the system by operators and maintenance personnel up to and including evolution phases of the system.

The application

- Screening water residues and separating debris
- Cleaning
- Primary settling via submerged settling tanks allowing the extraction of vast volumes liquid sludge.



- Sludge treatment (of vast reserves on an yearly basis), rich in fertilizers and in trace elements, applies a rigorous process including :
- Sludge concentration by means of thickness and flotation

(c) Supervision of a wastewater collection network - for large townships

The supervisory control for wastewater collection in large areas should take into account regulations covering the collection and treatment of wastewater, and also the discharge of treated water into rivers.

The Objective

- To secure alarm acquisition for full surveillance, supervision and monitoring, immediate retrieval of all



- data by a central control station.
- Optimization of network flow rates and station and plant efficiency.
- Remote intervention.
- Optimization of operating costs.

Safety of persons

The OPS paging system or equivalent can be used to

ensure the safety of the standby duty person when working along in a treatment plant during a tour of inspection, through a periodic check every 90 minutes new program to renovate and increase the size of water treatment plants for further reduction of effluent pollution levels.

GAS CONTROL PROJECTS

(a) Web Automation provides communications interface for gas line flow computers - for a large scale customer base

The Objective

To engineer a system that will automatically gather and transmit, gas flow and pressure regulation data from a key customer base.

Customer Benefits

To monitor real time gas usage and pressure regulation while reducing the operation costs. The key benefits include :

- The new PLC based system is approximately one sixth of the cost of purchasing new flow computers with built-in digital data storage and serial communications.
- Network costs are reduced.
- Increased accuracy due to the improved resolution of the digital process over analog.
- Enhanced system security.

(b) Management of an LPG storage and distribution center - for regional consumption



*The
heritage
of staying
ahead*



The Scope

To design and supply the domestic and industrial needs of a whole region.

The Objectives

To meet customers needs, especially in terms of extending the opening hours of the loading stations, it is essential to have a tool which meets the criterion of standby redundancy. It must provide:

- Safety of personnel.
- Availability of plant.

Safety Solution

Site safety is based on hardware and redundancy procedure. An approved fail-safe PLC and the process PLCs continuously check each other to ensure that sequences are running correctly. In addition, all emergency shutdowns, gas sensors, level and pressure safety devices (which, if exceeded, place the storage areas in safe mode and automatically trigger the fire safety systems) are double checked.

POWER GENERATION PROJECTS

Electric Power Management System (EPMS) - conserves energy, saves costs

Evaluation and prevention objectives

- Accurate event logging to reconstruct history and prevent/eliminate incidents/accidents.
- Quicker system response time and faster return to service.
- Automatic paging to prevent

further electrical incidents.

- Accurate disturbance monitoring to provide effective remedies/automatic restoration.

Management of electrical power equipment capital expenditures via :

- Preventative/predictive maintenance to reduce equipment loss/asset management.
- Postpone/prioritize capital expenditure.

The solution

The key element of EPMS systems architecture is the use of a dual network concept. Modicon Modbus Plus LAN is used at the equipment level for high-speed deterministic control, and Ethernets used for high-speed file and data transfer between circuit monitors, PLCs, MMI and the facility's information systems. The EPMS is designed to provide real-time data for control, electrical disturbance and performance data, and cost accounting data.

Customer Benefits

The EPMS can pay for itself in less than one year after being fully commissioned. The largest paybacks were realized by preventing peak demand penalties. By providing crucial background data, the system can resolve electrical problems by either preventing them from re-occurring or making the system more resilient to disturbances.

The ability to monitor and analyse electrical cost on a continuous basis results in energy cost reductions and improves service reliability.

EPMS data and waveform capture information by engineers and the local utility to improve power quality. The EPMS provides historical data logging and load profiles which can be used to analyse equipment optimization and defer capital expenditure for new projects.

ENERGY DISTRIBUTION PROJECTS

Web-based RTU for utility substation for large cities

The Objective

A direct replacement of the SCADA RTUs in use, as well as a solution for future SCADA installations. The requirements include -



- A sufficient number of status, control, alarm and analog points to accommodate all possible configurations.
- Simple, cost-effective expansion to full substation automation options.
- Most competitive designs compare with the RTUs of similar capacity.
- An off-the-shelf, easy-to-use design with low maintenance requirements

Customer Benefits

The benefits include -

- The SCADA system is simplified through the use of

ladder logic to perform functions done previously by discrete relays. The elimination of these relays results in less hardware, simplified wiring and improved reliability and maintainability.

- One basic platform with shared building blocks requires a minimum of spare parts and training, reducing maintenance cost.
- Simpler and consistent design reduces field commissioning.
- The building block architecture facilitates future expansion into full substation automation at minimal cost, preserving the initial capital investment.

FOOD PROCESSING PROJECTS

Vast installation base

To NECON goes to the singular distinction of having successfully executed and commissioned more than 25 fully automated Biscuit Industries, all over the world. These projects were based on S5-135U Siematic along with Sinlec L2 DP communication as well as Modicon Premium Platform alongwith Unitelway architecture.

Some of our flagship clients in this sector, include -

- Britannia Industries Ltd.
- Parle Products Ltd.
- Bakeman's Industries Ltd.
- Cremica Agro Industries Ltd.
- Priya Gold Industries Ltd.
- Munchy Foods (Malaysia)
- Java Foods (Indonesia)
- Parley (Ghana)

The list goes on endlessly.

Total Authority in Biscuit Plant Automation

NECON openly welcomes the challenge of retrofitting the obsolete Biscuit Plants of any brand to state-of-the-art automation, anywhere in the world.



*Outstanding
endeavours
enrich
the future*

EXEMPLARY EXCELLENCE...

Major projects executed

To NECON goes the sole credit of a wide mix of high-profile projects, completed successfully in all detail and on schedule. Whatever the challenge, Necon always came up with the total solution of the product, the infrastructural resources and manpower control.

Perishable Cargo Automation at Chatrapati Shivaji International Airport, Mumbai.

A revolutionary landmark
in web automation .

Scope

Design & Engineering, Supply, Installation, Erection, Testing and Commissioning of 'Web Automation' for the Perishable Cargo at Chatrapati Shivaji International Airport, Mumbai.

Scope of Delivery

Jointly with M/s Blue Star as a consortium partner, we

provided complete automation solutions for the cargo complex activities for the both monitoring and controlling.

The features include :

- PLC based Control System with Suitable Supervisory Control and Data Acquisition (SCADA) system in Web Server module of PLC system.
- Connectivity of shop data with top floor for monitoring and controlling action.
- Connectivity of Local Area network (LAN) with Wide Area Network.
- Web server for the global access of the data among the users via Internet Technology including Website Hosting.
- Design and development of the Dynamic Website.
- CCTV monitoring system based on Image Processing (Artificial Intelligence) Technology.

The entire operation of the cargo terminal is monitored and controlled through a state-of-the-art-computerized system. The Supervisory workstation and LAN servers are located in the central room. Local Network clients are located in various areas of operation.

The activities associated with the materials handling, refrigeration and air-conditioning, motorized doors, weighing operation are through Programmable Logic Controller (PLC). The PLC communicates to server on the window NT



operating system, through the communication, popularly known as Transmission Communication Protocol or internet protocol (TCP/IP protocol). For the integration of above parameters, the MMI are located on field and SCADA Software developed and installed on the main server. Briefly, the server is fed by the online data i.e. dynamic information through various resources like HMI, MMI, SCADA, and the associated sensors alongwith the commercial information rendering the various client



located in the Local Area Network.

Salient Features :

- User friendly TCP/IP Internet protocol used for communication between various equipments.
- Prior Knowledge of training not required.
- Internet Driven (Browser will become the standard Operating Platform).
- Remote Monitoring.
- Process control & data from anywhere.
- Easy Integration of PLC system with ERP, MIS etc.
- Elimination of proprietary integration & development.

- Lower cost of maintenance.
- Reduces down time.
- Data Security and redundancy.

Aviation Fuel Terminal Automation at Indira Gandhi International Airport-Terminal II.

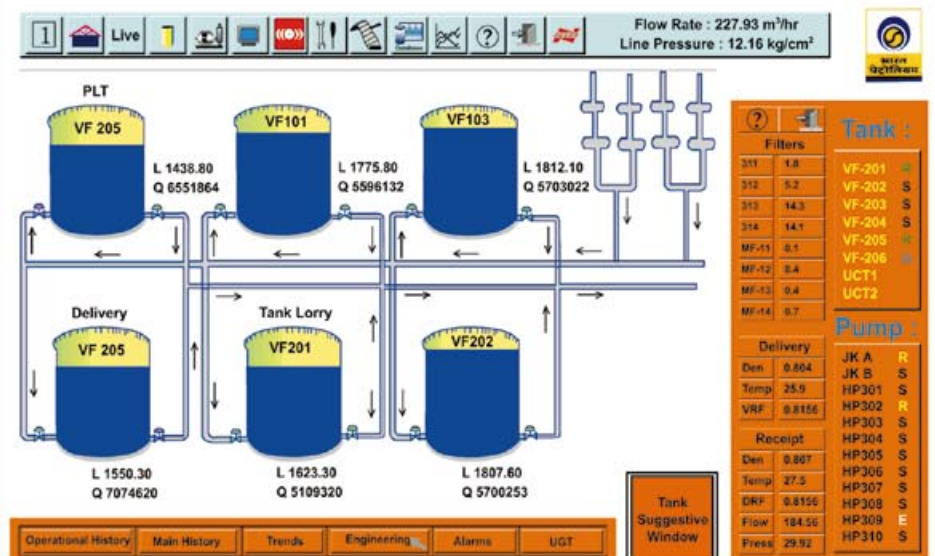
A high-peak performance project.

Scope

Design, Manufacturing, Engineering, Supply, Installation, Testing and Commissioning of Microprocessor based Control System along with suitable Supervisory Control And Data Acquisition System for Aviation Fuelling Station at Indira Gandhi International Airport Terminal-II, for M/s Bharat Petroleum Corporation Ltd.,

Scope of Delivery

To cover in brief the Aviation Station/Pipe Line Project Profile,



Teamwork

is the

synergy for

superlatives

Implementation Methodology, Operation Philosophy, equipment details and detail control logic and the interface with the various devices/equipments. The major facilities envisaged are as follow :

Mechanical : Mainline pumps, Booster pumps, Isolating & non return valves, strainers, separator filters, sump tank with pumps, control valves etc.

Electrical : HT motors to serve as prime-movers for mainline pumping unit and booster pumping unit, power supply arrangements, HT switch-gear, LT transformer etc.

Instrumentation :

Instrumentation is provided in the stations for monitoring & control of operating parameters as well as for safe operation of the equipment. The station instrumentation consists of control system, flow / pressure / temperature / density measurement systems, level transmitters & switches, UPS etc.

Salient Features

The System consists of the master control center with suitable supervisory control and data acquisition configured around smart, intelligent & rugged hot standby control system of Modicon with dual redundancy at Communications & Power Supply Level. It is possible to perform the control function and monitoring like start/stop of pump, open/close of the valves, field signals like pressure, temperature, flow and density.

The SCADA Operating Workstation has a supervisory control and data acquisition

software running under multiprogramming, multitasking and real time operating system environment. The Operator Workstation communicate with the PLC's at 19.2 kbps for monitoring and controlling the field devices and further it is equipped with the facilities for monitoring the status of the following :

- Hydrant Motor Parameters.
- On line Density Measurement from the control room.
- The operation station has a redundant communication working on dual local area network, such as MODBUS+.
- The Above Ground are provided with RADAR type Tank Level Management system for 6 nos. Above ground tank and 2 nos. Float type level gauge for under ground tanks.
- For monitoring density and temperature of the product for Receipt and Delivery two separate insertion type density meters are provided fitted on the PLT and Delivery line. The temperature and density data is available through these densitometers. The batch data of the product is displayed on the VDU for the tank. The same is used for report generation and monitoring.
- The control system provided for the whole system is designed in such a way that in case of any failure the outputs will be driven to fail safe condition.



- 20 nos of differential pressure transmitters for the filter unit, for on line monitoring of the filter station has been provided in the system. The data from the same is available on the pump station monitor.

The control system is designed for highly reliable, safe and continuous operation and control, optimizing the use of manpower and equipment, repeated commands, avoiding flipping of multiple picture screens and monitoring at the same time protecting the station equipment's. The station is self-protected and self-diagnostic and fail safe with alarm and history analysis.

**LPG Bottling Plant
Haldwani - M/s Indian Oil
Company Ltd.**

An impressionable stamp of success.

Scope

Design, Supply, Erection, Testing & Commissioning of PLC based Electronic Filling System at LPG Bottling Plant Haldwani.

Control and Operational Perspective

The Scope of Work includes design, detailed engineering, manufacture, supply, erection, testing and commissioning of Electronic Filling System with Electronic Auto Check Weighing Scale having auto rejection facility as per the requirements of the system and specifications. The Tare wt. Punching station is so designed that it is possible to feed two

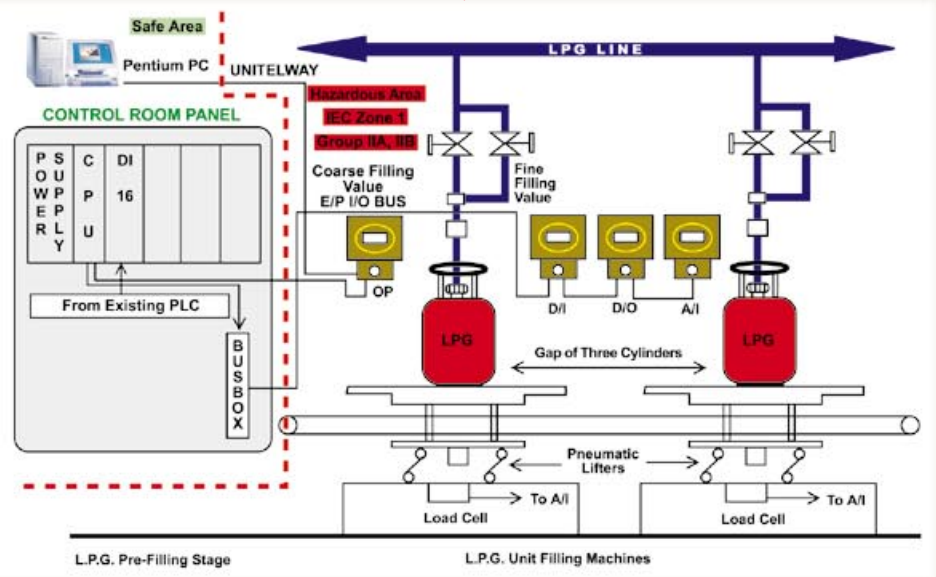
different lines and the same can communicate with PLC & Machines on different



conveyors for information sharing. The punching data is the mother data for all down stream operations like filling, PLC, 100% Check Weighing, auto rejection, auto correction of the rejected cylinders at integrated wt. Correction unit & for the purpose of generating MIS. The realignment of conveyor is also in the scope including supply, installation & commissioning of the chain conveyor system.

System Details

- Pre-filling Machines consisting of 4 Pre-filling Points - 2 Stations



Quality

is

the best

testimony

- Fine Filling Stations with Electronic Check Scales - 4 Stations
- Tare Weight (Wt.) Punching Station - 1 No.

The System has a capacity to fill a mix of 14.2 Kg. and 19 Kg. Cylinders on fine filling stations or to match the output of Pre-filling units. The infrastructure provided for the purpose is rugged enough to function on continuous basis with minimum maintenance. Since this is a continuous process, an interlocking device is provided for each operation so that unless an operation is completed another will not start.

Special features on the system

- The data entered is not lost in case of power failure and remains in the system till the filling operation of a particular cylinder is completed.
- While cylinders are not normally removed from the system, even then the system has the facility of erasing the tare weight of a particular cylinder if taken out between tare weight entry station and filling station. This is only to ensure that the sequence of data of the cylinders and the continuity of the filling operation is not affected.

Equipment Details

- **Tare Weight Entry Station**
The Station essentially comprise of a Flame Proof/ Intrinsically Safe Certified enclosures which houses all the Control Electronics, a suitable electronic display interface for FLP Solenoid

Valves and I.S. Limit Switches.

- **Electronic Filling Stations**

This is a fully automatic, electronic (PLC based) device for 14.2 Kg. / 19 Kg. Cylinders comprising of stoppers, FLP Display indication, Electronic weighing machines, filling system (for coarse & fine filling facility), facility to couple/de-couple the filling head, clamping, lifting device etc. An independent filling system is mounted over each electronic weighing Platform.

Unmanned Electronic Integrated Weight Correction Unit

This m/c is capable of correcting all the cylinders received at the station without intervention of any human being. M/c is capable to accept the output of rejected cylinders/tare wt. as a base data & decides to fill or evacuate the desired qty. of LPG from the particular cylinder. The m/c is also connected with the auto rejection facility of the existing Mass Flow Meter based filling system & all the correction are carried out at this unit only.

M/s Wartsila India Ltd - DG Plant Automation

M/s Wartsila India Ltd, a multinational giant, headquartered at India, is a pioneer in the field of supplying cogeneration power plants with the latest know how technology. We have designed the complete automation using various control and instrumentation devices at the various installations of M/s



Wartsila in India. Recently we have delivered our solutions by establishing control and automation using premium PLC of M/s Modicon. The offered power management system eliminates the complexities of the conventional method. The offered system provides ease of operation by :

- Load Monitoring.
- Generation of Alarms & alarm summary of each fault occurred with date and time stamp.
- Data Logging.
- Report Generation.
- Dynamic Mimics & Exhaustive operator help.
- Historical trends for each generator parameters like voltage, current, power factor and active power for past record/analysis.

M/s Samsung SDS : Vadinar-Kandala Pipe Line Automation

NECON feels privileged in associating as a subcontractor with global multinational Samsung SDS in high value Industrial Project Area. We were involved in back-to-back support for design, installation & commissioning of automation control, monitoring, dismantling wherever required & the supervision of the system for cabling, termination & the necessary civil works involved

with Vadinar-Kandala pipeline project for **Indian Oil Corporation Ltd.**

Naptha Fuel and MSD Tanks storage control for NTPC, Ballabgarh (Haryana)

The Scope

Design, supply, installation, erection, testing and commissioning of PLC based control system for Naptha Fuel and MSD Tanks storage and delivery of Landing Systems at National Thermal Power Corporation - Ballabgarh. The project was executed in consortium arrangement with m/s Siemens India Ltd.

The Solution

The project was notably accomplished with the following features :

- Project based on Siemens PLC S7-314 architecture, Input Output counts more than 450.
- Automatic valve opening and closing.
- Oil level monitoring and controlling.
- Automatic pump logic.
- Annunciator for status / alarm.



*Conditioning
the mind
for higher
challenges*

PLUGGING THE VACUUM - Specialised Training

Being one of the leading players in Industrial Automation, we feel that as a responsible corporate citizen, it is our moral duty to fill up the acute shortage of talented and well trained engineers within various sectors of Industrial Automation and Information Technology.

Therefore, what makes NECON unique and exceptional is the concept of **'Indepth Training Programmes'** in Industrial Automation Information Technology. This concept today commands tremendous popularity among individual engineers as well as corporates. Quite candidly, our Training Programmes are especially graded for practising engineers, seasoned engineers,

even fresh, new entrants. Additionally, we have also successfully conducted tailor-made corporate training programmes for a large number of reputed clients, such as Britannia, Parle, Indian Oil, Hindustan Lever and Wartsila India Ltd., among others. But in our total accountability, we have successfully placed engineers in Oil & Gas, Water, Power and Electricity sectors as well as fast-growing projects in Process Industries, such as



Cement, Bottling Plant, and Food Processing to name a few.

More particularly, advantageous is that NECON has an independent and world class training centre which delivers training programmes that are 100% practical and industry oriented. The training centre is well equipped with latest technologies and systems, alongwith hardware and software packages of various manufacturers.





To prune and update its curriculum for Industrial Automation Information Technology programmes, NECON continues to hold expansive interaction with top ranking personnel and companies within the broad spectrum of industrial automation. This grooms engineers and corporates as best as possible.

The global status of the Industrial Automation Industry is perceived to be in a state of boom and phenomenal growth is expected in the forthcoming years. And this is the fertile seed that Necon envisaged long before to meet the challenges of the future.

We offer especially designed courses for Engineering Students and Corporate Clients in accordance to their specific need and time-frame.

We trust that everyone gets the proposed mileage through this well-focussed, professional and practical training.

THE PILLARS OF TOMORROW -

Our Clientele

We believe in a versatile and interactive bond of Customer Relationship, which has to be reviewed and revived periodically. To us a client is not only the mere addition of yet another name with whom we carry on business liaison and for whom we render products and services, essentially all clients, small or big have equal and easy access to our bluechip heritage - dedication, dynamism and innovation. A client eventually becomes an integral part of a family... the joint architect of our growth... the sole inspiration base of our trust - repeat order after repeat order.

Today, we are proud to preserve and strengthen our diverse client line which runs across not only the public and private sectors but corporate clients, the world over.

Hindustan Lever Ltd.,
National Thermal Power Corporation Ltd.,
Parle Products Ltd.,
Bakemans Industries Ltd.,
International Tobacco Company Ltd.,
Hero Honda Motors Ltd.,
Bharat Petroleum Corporation Ltd.,
Indian Oil Corporation Ltd.,
Britannia Industries Ltd.,
Siemens India Ltd.,
Maruti Udyog Ltd.,
Pepsico India Holdings Ltd.,
C.G.Hartman & Broun Ltd. etc.
Mother Dairy
Wartsila India Ltd.
Samsung SDS
Woodward Governor India (P) Ltd.
Blue Star Ltd.
York Refrigeration Ltd.
Universal Technical LLC

Bently Ventures One LLC
Mark ExhaustSystems Limited
Priyagold
Home Made
Mark Auto Industries Limited
The Dhampur Sugar Mills Ltd.
Ragheer Machinery Private Limited
The Malt Company (India) Ltd.
Carrier Aircon Limited
Multitex Filtration Engrs. (P) Ltd.
Omax Autos Limited
Minda Industries Ltd. (Unit-III)
Bundy India Limited
Dominant Offset Limited

Our **Quality** POLICY

*We at New Era Control Devices Pvt. Ltd.,
are committed to the Design and manufacture
of Industrial Automation Systems, to provide
turnkey solutions and impart advanced
Industrial Automation Training.*

*This helps the customers in the
effective operation of the systems and
thus achieve total customer satisfaction.*

*New Era strives to continually improve
its products & services through development
and design with the involvement of people.*