

# T-BOX SHORT REFERENCE-LIST

## WATER DISTRIBUTION AND WATER SEWAGE

<b>C.I.L.E.</b> , Liège, Belgium	Telecontrol of remote reservoirs, Pumping stations and water-towers through PSTN and cable TV
<b>I.N.A.S.E.P.</b> , Gembloux, Belgium	Local and remote Automation of water sewage and effluent treatment
<b>A.I.V.E.</b> , Arlon, Belgium	Telecontrol of Water Distribution and Water Sewage plants
<b>SCHWARZBACH VERBAND</b> , Kahlsruhe, Germany	Telecontrol of Water Distribution and Water Sewage plants
<b>SOGEA</b> , Troyes, France	Remote control of Water sewage plants
<b>CORPORATE DYNAMICS SDN BHD</b> , Kota Kinabalu, Sabah, Malaysia	Control and monitoring of water filtration galleries at Moyog water treatment plant
<b>PINAN</b> , Hönnö, Sweden	Nitrogen reduction for the client Purac belonging to Anglian Water
<b>DEYA PAROU</b> , Paros Island, Greece	Remote alarming and SCADA for the water distribution and waste water collection networks of the island
<b>I.P.A.L.E.</b> , Leuze, Belgium	Local Automation and remote alarming of Water Sewage plants
<b>KP VELENJE</b> , Velenje, Slovenia	Supervising and monitoring of drinking water plants; communication on iFix SCADA using OPC.
<b>R.E.M.</b> , Ouarzazate, Morocco	Local Automation and remote alarming of a Water Sewage plant
<b>PBA</b> , Pulau Pinang, Malaysia	Local Automation and remote alarming of a Water Sewage plant – PMR radio communication with 41 plants
<b>WATERSCHAP VAN LEI EN EEM</b> , Amersfoort, The Netherlands	Remote sending of turbidity parameters by radio modems
<b>SEABO</b> , Bologna, Italy	Remote control of water distribution and sewage plants
<b>I.B.W.</b> , Lasne, Belgium	Local Automation of Water sewage plants
<b>GOULBURN+ MURRAY Rivers Water Authority</b> , Melbourne, Australia	Telecontrol of Water Distribution and Water Sewage plants through radio modems
<b>WATER BOARD OF NAKORNSRI</b> , Thammarat, Thailand	Remote Control of Water Distribution Plants, Radio Communication
<b>AIR KELANTAN CHICHA WATER SUPPLY</b> , Kelantan, Malaysia	Remote control of wellfields, reservoirs and treatment plants via radio communication
<b>D.U.C.C.</b> , Chambéry, France	Remote control of Water Distribution plants through PMR radio modems
<b>MAUS POMPENBOUW</b> , 'S Hertogenbos, The Netherlands	Remote control of Water pumps
<b>DEYA AGIOU NIKOLAOU</b> , Agios Nikolaos, Crete Island, Greece	Local automation, remote alarming and SCADA for waste water pumphouses
<b>WATERSCHAP VELUWE</b> , Apeldoorn, The Netherlands	Remote Monitoring of sewers by GSM
<b>S.W.D.E.</b> , Verviers, Belgium	Local Automation of Water Distribution plants
<b>INTERCOMMUNALE DE BOEVANGE</b> , Boevange, Luxemburg	Local Automation of Water Distribution Plants
<b>SEDAPAL</b> , Lima, Peru	Local Automation and remote control of Water Distribution plants (radio links)
<b>T.M.V.W.</b> , Gent, Belgium	Protocol Interfacer with Flowmeters, Datalogging and Alarming on various Water Distribution centers
<b>MUNICIPALITY OF LITHORO</b> , Katerini, Greece	Control of water distribution network with remote SCADA
<b>ENTREPOSE MONTALEV</b> , Nouméa, New Caledonia	Remote control by radio of water reservoirs
<b>ARA</b> , St-Gallen, Switzerland	Remote control of Reservoirs
<b>S.W.D.E.</b> , Charleroi, Verviers, Liège,... Belgium	Local Automation of Water Distribution plants
<b>JKR AIR KEDAH TENGAH</b> , Sg Petani, Kedah, Malaysia	Remote control and monitoring of reservoirs and pump houses via GSM and PSTN
<b>A.I.D.E.</b> , Liège, Belgium	Telecontrol of Water sewage plants through PSTN
<b>MWA</b> , Bangkok, Thailand	Remote Control of Water Distribution Plants
<b>VLAAMSE MILIEU MAATSCHAPPIJ</b> , Oostende, Belgium	Local Control of the biggest Water sewage plant of Belgium
<b>MUNICIPALITY OF SIDIROKASTRO</b> , Sidirokastro, Greece	Remote alarming of water filtration processes
<b>R.E.J.</b> , Junglister, Luxemburg	Local Automation and remote control of Water Distribution plant
<b>AKROTIRI Water Distribution</b> , Akrotiri, Cyprus	Local Automation and remote control of Water Distribution plant
<b>ENDRESS+HAUSER</b> , Basel, Switzerland	Remote control of Water Distribution plants
<b>PERBADANAN URUS AIR SELANGOR BERHAD</b> , Kuala Lumpur, Malaysia	Remote control and monitoring of reservoirs and pump houses via radio communication
<b>MACEIDO CAVALEIROS</b> , Lisboa, Portugal	Remote control of Water Distribution plants

<b>WATER BOARD OF LEMESOS</b> , Cyprus	Remote control of Water Distribution plants by GSM
<b>CANAL DE LA BOURNE</b> , St-Marcel-les-Valence, France	Remote Control of water rivers height
<b>PERBADANAN BEKALAN AIR (PBA)</b> , Pulau Pinang, Malaysia	Remote control and monitoring of reservoirs and water treatment plant for Sg Dua water supply scheme via radio communication and LAN
<b>REGIA DEL AGUA DEL MARESAS</b> , Maresas, Spain	Local Automation and remote control of Water Distribution plants
<b>VLAAMSE MAATSCHAPJI VOOR WATERVOORZIENING</b> , Kooigem, Belgium	Remote Control and local automation of pumping stations

## ELECTRICITY

<b>ELECTRABEL</b> , Brussels, Evergem, Strépy,... Belgium	Remote Control of High Voltage Cabins
<b>PT. INDONESIA POWER</b> , Indonesia	Telemetry and monitoring for energy transactions from various power plants
<b>INTERCOMMUNALE DE SALLANCHES</b> , Sallanches, France	Remote Control of Low voltage Cabins
<b>ELEKTRIZITÄTWERK HOPFGARTEN</b> , Austria	Remote control of water power plants, Ethernet communication
<b>ENECO NETDIENSTEN</b> , Rotterdam, The Netherlands	Remote control of HS stations
<b>NETSEENERGY – EDF</b> , France	Energy counters measurement with FTP reporting
<b>D.E.I.</b> , Hellenic Electricity Corporation, Thessaloniki, Greece	Supervisory control of high voltage substations using GSM and leased lines
<b>EDF</b> , France	Remote control of different strategic electricity production centers
<b>PROJET SENEGALO-NIPPON D'ENERGIE SOLAIRE</b> , Dakkar, Senegal	Remote Control of Electricity Solar Central stations by radio frequency link
<b>BAUXITE DE GUINÉE</b> , Guinea	Remote processing and Totalisation of 24 electricity meters
<b>NORELEC</b> , Naniyuki, Kenya	Remote Control of generating units
<b>JAKARTA ELECTRICITY COMPANY</b> Jakarta, Indonesia	Remote Control of Electricity production centers
<b>SCHNEIDER ELECTRIC</b> , Jeumont-Schneider, France	Remote control of Electricity Transformers for maintenance personnel – GSM communication
<b>LABORELEC</b> , Linkebeek, Belgium	Energy management system
<b>TELEGYR</b> , Milan, Italy	Remote Control of Electricity production centers
<b>EON</b> , Germany	Energy management system with email reporting
<b>PERTAMINA KAMOJANG</b> , West java, Indonesia	Automation and telemetry for geothermal steam production
<b>RÄMNINGE KRAFTVERK</b> , Sweden	Supervision and Controlling of water power station with Web features and SMS alarming
<b>ELECTRICITY OF LESVOS</b> , Isle of Lesbos, Greece	Remote control via Internet of wind mills electricity generators

## GAS MANAGEMENT

<b>GAZ DE FRANCE</b> , France	Remote control and Supervision of Gas Distribution plants (transport)
<b>EGT PE PETRONAS</b> , Gebeng, Kuantan, Malaysia	Remote control of Gas turbines plants (producing ammoniac) at Centralized Utilities Facilities (CUF)
<b>DISTRIGAZ</b> , Belgium	Remote control and Supervision of Gas Volume counters
<b>TRANSGAS</b> , Lisboa, Portugal	Datalogging and Alarming with low power devices
<b>PETRONAS GAS BERHAD</b> , Gebeng, Kuantan, Malaysia	Remote control and monitoring of gas turbines at Centralized Utility Facilities (CUF) Gebeng via serial link
<b>GTS</b> , Germany	Energy management system
<b>TRUE ABILITY GAS</b> , Changzhou, P. R. China	Remote control and Supervision of Gas Distribution plants
<b>KOREA GAS COMPANY</b> , Suksu, Korea	Turbine gas metering : volume and energy remote metering
<b>SONELGAZ</b> , Alger, Algeria	Remote control and Supervision of Gas Distribution plants
<b>GAZ DU SUD-OUEST</b> , Pau, France	Datalogging and Alarming

# BUILDING AUTOMATION

**ARCHIVES DE LETAT**, Luxemburg

Control and Supervision of Air quality and Humidity

**EMPLOYEES PROVIDENT FUND (EPF) HQ Building**, Kuala Lumpur, Malaysia

Control and monitoring of water distribution with GSM

**PETROFINA**, Brussels, Belgium

Control of lifts & temperature systems (hot/cold)

**UNIVERSITY OF BUENOS AIRES**, Argentina

Remote Control of Air conditioning Systems

**COMMERZBANK**, Luxemburg

Remote Control of Air conditioning Systems

**ELTECO**, Porsgrunn, Norway

Building Management

**GOVERNMENT OF DUBAI- DEVELOPMENT BOARD**, Dubai, UAE

Detection of crucial alarms: Fire, Lift, Rotating equipment, Air Conditioning, electrical Fault, Water distribution etc.

**EXHIBITION HALL**, Zürich, Switzerland

Alarm Management of fire systems through GSM & SMS messaging

**AE DENMARK**, Hadsten, Denmark

Building Management

**SCHLUMBERGER**, Brussels, Belgium

Energy Consumption, Heating

**HOTEL PULLMANN**, Luxemburg

Fire Detection

**C.R.M.**, Liège, Belgium

Heating and Access Control

**EUROCONTROL**, Haren, Belgium

Access control and Supervision of gate entries

**S.T.I.B./M.I.V.B.**, Brussels, Belgium

Interfaces with various fire control devices including remote measurement

**CAISSE DES PENSIONS-C.P.E.P.**, Luxemburg

Building Management with lighting automation and stores automation

**UNION REAL ESTATE**, Koweït City, Koweït

Remote monitoring of critical points in a residential areas for alarms. Interface to video cameras for real time video transfer over PSTN

**U.L.B.**, Brussels, Belgium

Fire control of various buildings including remote alarming

**St MARIAZIEKENHUIS**, Halle, Belgium

Protocol Interface for access control equipment and Fire central system in Hospital

**B&J REGELSYSTEMEN**, Papendrecht, The Netherlands

Remote control of various techniques in building automation for maintenance purposes

**SERVICE INCENDIE DE BRUXELLES**, Brussels, Belgium

Building automation techniques for the Brussels Fire Brigade

**EMIRATES TRADING AGENCY**, Dubai, UAE

District Cooling : remote control of water differential pressure transmitters

**AÉROPOLE DE CHARLEROI**, Charleroi, Belgium

Remote control of various techniques: access control, intrusion, fire control

**TEC**, Liège, Belgium

Protocol interface with alarming devices

**REHABILITATION HOSPITAL**, Zihlschlacht, Switzerland

Alarming on Natel Pagers for access control systems

**WORMALD**, Brussels, Belgium

Protocol Interface on fire detection systems

**INFOCONTROL**, Buenos Aires, Argentina

Local control of various techniques with alarming

**EUROPAY**, Waterloo, Belgium

Local control of Electrical High Voltage cabinets

**MAIRIE DE ST-LAURENT-DE-MURES**, Lyon, France

Local and Remote control of the Municipality Function Room including access control, air conditioning, noise control, fire detection, lighting, ...

## HEATING

**SOCCRAM**, Le Mans, France

Remote control and PID regulation of heating groups

**I.M.P.**, Ciney, Belgium

Heating Control with datalogging and alarming

**SOCCRAM**, Melun, France

Remote control and PID regulation of heating groups

**GIE EVRY**, Paris, France

Building automation techniques

**FONTENAY**, France

Regulation of the heating and remote control of 91 buildings

# TANK MONITORING

**BASF**, Finland

Remote monitoring level and temperature of Acrylonitrile silos with SAAB radar level sensors

**PT. RHODIA INDOLATEX**, Tjiwi Kimia, Indonesia

Remote monitoring of latex production plant and tanks

**KRUSE**, Germany

Level control of chemical storage tanks

**PORT OF HAMINA**, Hamina, Finland

Level control of acrilonitril tanks

**AKZO NOBEL**, Melbourne, Australia

Remote monitoring of level of chemical tanks

# UTILITIES

**CNR (Compagnie Nationale du Rhône)**, France

Remote control of signalling on unloading platforms (radio communication)

**S.T.I.B./M.I.V.B.**, Brussels, Belgium

Automation of the Displays for Metro locations

**HARBOUR OF TRELLEBORG**, Sweden

linkspann shiplanding system for the client Boddy Hydraulics

**DWR**, Hilversum, The Netherlands

Remote control of locks

**S.T.I.B./M.I.V.B.**, Brussels, Belgium

Video Matrix automation interface

**LAB**, Lausanne, Switzerland

Air Pollution Control

**COURLY**, Lyon, France

Streetlights Supervision

**DE LIJN**, Antwerpen, Belgium

Remote control of Fire Central systems in subway stations

**V.R.T.**, Brussels, Belgium

Video matrix interface and supervision of TV emitters

**BRUSSELS Airport**, Belgium

Interface with Fire central systems

**T.E.C.**, Charleroi, Belgium

Telecontrol of video camera in the subway

**TUNNEL DE MILLAU**, Millau, France

Tunnel Automation (lightning) with remote Minitel access

**PARIS Airport**, Aéroport du Bourget, France

Remote control (by radio) of climatization of the airport landing strips.

**ESR**, Erpe-Mere, Belgium

Remote control of trafic lights by radio frequency

**S.B.B.**, Olten, Switzerland

Remote control of rail heating system

**SWEDEN (Malmö)-DENMARK (Copenhagen) Tunnel**

Remote Control of audio switching matrix

**SAN BERNARDINO TUNNELS**, Switzerland

Lighting control of 15 tunnels via Ethernet connection and PSTN redundancy

**MET**, Haute Sambre, Belgium

Level control with alarming of locks

**SNCB**, Ans-Köln, Belgium-Germany

Tele-signalling of the TGV express train line.

**SNCF**, Paris, France

Fast datalogging with alarming of servo-engines for rail-switchings

# INDUSTRIAL WATER

**UNIMETAL**, Mondelange, France

Supervision of the local water sewage plant in Steel Industry

**RHODIA**, Ribecourt, France

Remote control and alarming of latex tanks, calculations of consumptions

**ERPAC**, Wasquehal, France

Telecontrol of industrial water

**GOTHMAR**, Sweden

Hatchery control of waterparameters for cod cultivation

**FLOWTRONIC**, Welkenraedt, Belgium

Flow meter data-logging with sophisticated calculations

**SOLAC**, Marseille, France

Telecontrol of industrial water (Steel Industry)

# SWIMMING POOLS

**AQUAPRO**, Ciney, Belgium

Telecontrol of Chloride, pH and temperature information

**LES TRITONS**, Evere, Belgium

Telecontrol of Chloride, pH and temperature information

# INDUSTRY

<b>GALVAMETAUX</b> , Huy, Belgium	Automation and remote control of steel machinery equipment
<b>BUSCH</b> , Woerden, The Netherlands	Remote control of vacuum installation
<b>USF WALLACE ET TIERNAN</b> , Trappes, France	Protocol interface for Industrial Filtration
<b>F.I.B.</b> , Brussels, Belgium	Remote control of foundry ovens
<b>SOLVAY</b> , Tavaux, France	Remote control and telemetry of pickling brine collecting centers
<b>SIAM CITY CEMENT PUBLIC COMPANY LTD</b> , Saraburi, Thailand	Cement Plants Process Simulator
<b>ONDULINE</b> , Yainville, France	Local automation with specific Datalogging for paper-panel manufacturing
<b>AKZO NOBEL DIOSYNTH</b> , Oss, The Netherlands	Local control of chemical process and alarming by SMS
<b>MARICHAL KETIN</b> , Liège, Belgium	Automation of a steel process with connections to several Regulators
<b>INTERLAC</b> , Belgium	Electricity consumption control with delesting periods
<b>ECIA-Groupe PSA (PEUGEOT)</b> , Audincourt, France	Remote counting of various energies (water, gas, electricity)
<b>TAREC</b> , Antwerp, Belgium	Protocol interface with weighing machines
<b>NOKIA</b> , Finland	Remote measurement of pressures from air filters for industrial vacuum cleaners
<b>Von ROLL Infratec SA</b> , Gerlafingen, Switzerland	Equipment for skilift and wintersport systems
<b>HYDRO ASA</b> , Porsgrunn, Norway	Manufacturer of industrial engines – remote control by GSM of transportsystem with integrated weighing
<b>DOW CHEMICALS</b> , Instambul, Turkey	Remote level control of tanks via SMS
<b>STAHL</b> , St-Clair-du Rhône, France	Alarming management of Ink Coloring systems
<b>CATERPILAR</b> , Dublin, Ca., USA	Automation and remote alarming of industrial power generators
<b>MEDOCHEMIE</b> , Cyprus	Alarming system for pharmaceutical plant producing Cephalosporin
<b>SWIFT ADHESIVES</b> , Lamia, Greece	Control of production line, SCADA and reporting using TCP/IP
<b>SOKOTAB</b> , Plovdiv, Bulgaria	Tobacco Processing Industry. Remote control of a RS-485 and Ethernet network with 1 energy analyzer, 4 weight belt controllers, 4 PLCs and 26 inverters

# ENVIRONMENT

<b>GEMEENTE ECHT</b> , Echt, The Netherlands	Remote control of sewers
<b>SMETJET</b> , Hasselt, Belgium	Automation and remote control of ground de-pollution
<b>OSL</b> , Luxemburg	Leak detection and fire control into garbage containers
<b>PHA ENVIRONMENTAL RESTORATION, INC.</b> , U. S. Naval Air Station, Jacksonville, Florida - USA	Monitoring of groundwater and soil cleanup system operation to report system faults and maintenance requirements
<b>WATERSCHAP GROOT SALLAND</b> , Zwolle, The Netherland	Monitoring of river water levels
<b>INTERCOMMUNALE DE LA WOLUWE</b> , Brussels, Belgium	Mobile Station for the control of water storm overflows
<b>DISTRICT DEPARTMENT OF SWITZERLAND</b> , Chur, Zwitzerland	Remote surveillance of avalanches
<b>SWEDISH NATURE PROTECTION DEPARTMENT</b> , Sweden	temperature monitoring of lakes (20 meter deep & at surface)
<b>THIES WATER</b> , Australia	Flood control
<b>WATCO</b> , Belgium	Automation, Datalogging and alarming on mobile soil treatment plants
<b>THIES</b> , Gippsland, eastern Victoria, Australia	Monitoring of river water levels

# IRRIGATION

<b>CORBOY</b> , Merrigum, Central Victoria, Australia	9 x TBOX LP-300 control irrigation of 1600 Acres of apples, plums, apricots using radio network. Also monitoring weather conditions and soil moisture affecting the irrigation schedules and pump controls
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<b>NEVROKOPI IRRIGATION AUTHORITY</b> , Nevrokopi, Greece	Remote control and telemetry using radio modems for 21 water pumps, 4 water tanks and 1 valve control station
<b>NUTSBEDRIJF WESTLAND</b> , Poeldijck, The Netherlands	Reote monitoring of heating for greenhouses by GSM
<b>JABATAN PENGAIRAN DAN SALIRAN</b> , Tumpat, Kelantan, Malaysia	Remote control and monitoring of food control and irrigation scheme via GSM and PSTN
<b>SENTEK</b> , Sidney, Australia	Soil moisture monitring systems. Radio based soil moisture sensing networks and radio based irrigation control market
<b>WOODLANDS</b> , Shepparton, Central Victoria, Australia	TBOX LP-300 control irrigation of 600 Acres of apples, plums, apricots using radio network. Also monitoring weather conditions and soil moisture affecting the irrigation schedules and pump controls
<b>MUNICIPALITY OF ABU DHABI</b> , UAE	Remote control of 65 irrigation farms

## OIL

<b>COPAREX CHAMPAGNE</b> , Montmirail, France	Remote control of oil pumping stations
<b>SHELL</b> , Marseille, France	Monitoring of poyethylene pipes + full redundant comm. (radio + PSTN)
<b>ESSO</b> , Rotterdam, Holland	Regulation and monitoring of LPG gas tanks and production reservoirs
<b>ELF PETROLAND</b> , Harlingen, The Netherlands	Remote control of fuel tanks by ISDN
<b>PETRONAS PENAPISAN SDN BHD</b> , Sg Udang, Melaka, Malaysia	Remote monitoring of Electrical Control Systems via serial link.
<b>BANIAS OIL LOADING TERMINAL</b> , Syria	Remote Control of oil pumpstations of 5000 Tons / hour capacity

## MEDICAL

<b>S.F.E.C.</b> , Lyon, France	Alarm control of human blood dialyze systems
<b>SKYMED</b> , Verviers, Belgium	Supervision & Datalogging of air pollution (PPM) in blood particle processes
<b>SEREMBAN GENERAL HOSPITAL</b> , Seremban, Malaysia	Control and monitoring of patient alert system at Royal Ward
<b>PT. MALIDAS STERILINDO</b> , Indonesia	Temperature and pressure monitoring for talk sterilization process
<b>CLB-De Nederlandse Bloedbank</b> , Amsterdam, The Netherland	Remote monitoring of sterilization process and alrming by SMS
<b>MAGNEX</b> , U.K.	Remote monitoring and datalogging of various superconducting magnets for medical scanners
<b>ASTRA -ZENECA</b> , Gothenburg, Sweden	Salt separation system
<b>HAMILTON MEDICAL</b> , USA	Remote alarming of high-end intensive care ventilator

## COLD

<b>GENESE</b> , Lyon, France	Automation and remote control of high pressure heating machines with redundancy control
<b>EFESSOS SLAUGHTERHOUSE</b> , Katerini, Greece	Control and data acquisition for refrigeration chambers
<b>COVEE</b> , Flanders, Belgium	Air and temperature Control of Fridge's
<b>FRIGITHERM</b> , Lille, France	Temperature Control of Cold Installations
<b>CASINO</b> , Villefontaine, Kemps,..., France	Telecontrol of electricity and refrigeration parameters with satellite communication with the Central Station
<b>KERRY FOODS</b> , Ireland	Refrigeration control and monitoring system
<b>MAMMOUTH</b> , La-Croix-St-Ouen	Temperature Control of cold installations (network of 44 RM10)
<b>ICA</b> , Sweden	Temperature logging via radio including WEB server features
<b>DELHAIZE</b> , Belgium	Air and temperature Control of Fridge's

# TELECOM

SPANISH TELECOM – UNIZ, Spain

Remote control of Base station emitters

FRANCE TELECOM, Lyon, France

Remote control of GSM emitters

BELGACOM, Brussels, Belgium

Electricity counters sent periodically by email

ORANGE CARAIBES, Caribbean Islands

Remote control of GSM emitters by radio with control via TBOX Web server features

# VARIOUS

MALAYSIAN AIR FORCE BASE, Labuan, Malaysia

Control and monitoring of automatic military aircraft washing system

PRIVATE PROPERTY MANAGEMENT (ROYAL PROPERTY), Abu Dhabi, UAE

Local control of Hi-Temp alarms, Water Pressure and ambient measurements with alarming via GSM for Falconry installations (breeding & training)

NETSHOPPER, United Kingdom

Arcade game monitoring with GPS support

# SOLAR

CNRS, Perpignan, France

Regulation and remote control of UPS charged by photovoltaic solar panels