



PRODUCTS AND SERVICES

ALMOND TRADING ENTERPRISES is a leading supplier of products, equipment and services to various clients in Sultanate of Oman and engaged in providing excellent state of the art technologies on **Fire Alarm Systems, Fire Fighting Equipment, Automatic Fire Extinguishing Aerosol System, Flame Detectors, Fire Dampers, Raised Flooring, False ceiling, Partition works, Electrical Installations, Security System, Access Control System, CCTV, Environment Monitoring System, Data loggers on various applications, Pipe-in-Pipe Earthing systems, Lightning Protection, Gas Piping, Gas Leak Detection & Protection, Server Room Infrastructure services, Provider of Security seals & tampering prevention systems, Export & Import and Trading of Equipment, specialized services and engineering projects management.** Our Products and Services are:-

1. FirePro – Automatic Fire Extinguishing Aerosol System

New Technology in Automatic fire extinguishing Aerosol system have been designed for extinguishing both early stage fire, advanced fully developed fires and for the protection of Equipment, building and premises against fires by means of automatic fire extinguishing.

FirePro products are certified and listed by Underwriters Laboratories in the USA and Canada, as well as the British Standards Institute and KIWA in Europe. FirePro generators are manufactured with a certified shelf life of 15years, they are environmentally and ecologically friendly, non-toxic and non-corrosive, with Zero Ozone Depletion Factor & Zero Global Warming Potential.

FirePro Products extinguishes the Fire by Inhibiting the Chemical chain reaction in combustion on a molecular level. It removes the flame free radicals and extinguishes the fire at the source itself. It extinguishes fire not by oxygen depletion or cooling, as suggested by the traditional triangle of fire, but by interrupting the chemical chain reactions occurring in the flame

Website: <http://firepro.info/>

2. ZETA – Fire Alarm Systems and Emergency systems

GLT Exports Limited, who is the manufacturer and distributor of **ZETA** Fire Alarm Systems was founded in 1985 and is a privately held UK manufacturer of early warning fire detection systems. To meet the requirements of our ever-changing market, we pride ourselves on being a complete fire alarm system supplier as per the entire needs of fire alarm system requirements.

ZETA product range incorporates conventional & analogue addressable fire detection systems, intrinsically safe fire alarm devices, firefighting telephone systems, voice evacuation systems, carbon monoxide & combustible gas detection systems along with state of the art aspiration detection systems.

Website: <http://www.zetaalarmssystems.com/>

3. UNITILE – Raised Access Floor System

Raised Access Floors create a plenum space, where high concentrations of power /data cabling and other mechanical services are concealed between the floor slab and the raised access floor. These under floor services remain easily accessible due to the modular design of raised access floor system, thus reducing reconfiguration costs and time of the distribution of critical services.

It comprises of modular floor panels laid in a horizontal grid supported by height adjustable vertical pedestals to provide an under floor space and Stringer for connecting pedestals together to provide lateral strength.

UNITILE products have proved their mettle as they successfully meet the rigorous standards of quality that comply with the strictest testing procedures. United Group conducts all tests of international levels that examine the entire systems using under structure rather than only the panels manufactured.

UNITILE product range incorporates wood core panels, Steel cementations panels, Calcium sulphate panels, HPL Vinyl / PVC / Ceramic finish panels, Carpet Tiles, Various air volume Perforated panels, Grated panels, Air volume control dampers, Floor grommet, Floor boxes for electrical, Telephone and data connection, Vision panels, Panel lifters etc.

Website: www.unitileindia.com

4. NTI's Server Environment Monitoring System

The **ENVIROMUX** Server Environment Monitoring System monitors critical environment conditions, such as Temperature, Humidity, Liquid / Water presence, Motion, Intrusion, Power outages, smoke, Human error and Vibration. When a sensor goes out of range of a configurable threshold, the system will notify you via email, LEDs, Alarm Beacon, Siren, Web page, Network Management (SNMP), Voice Calls (via Automatic Voice Dialer System), and SMS messages (via external GSM modem).

NTI's Environment Monitoring System Intuitive graphical management software provides an easy-to-use, unified interface for both monitoring and configuring up to 3,000 ENVIROMUX-2D/5D/16D, units and all connected sensors via Ethernet. By the installation of this software, all the individual system installed in a single LAN can be brought to a central monitoring station to monitor critical events and able to access the individual units as and when required.

Website: <http://www.networktechinc.com/enviro-monitor.html>

5. PREVENEX – Never a Fire Hypoxic Fire Prevention

The fire ignition threshold of air is 16.2% oxygen. By constantly maintaining a hypoxic state of air in the prevention area of 14-16% oxygen, ignition of class A, B, and C fires can be prevented. The chart also shows that human blood oxygen saturation levels remain in a safe range. No fire, no smoke, no damage with the installation of Prevenex system.

Hypoxic fire prevention has eliminated the need for fire suppression. Traditional means of suppression like water and chemical agents often caused as much damage to assets as the fire itself. With Prevenex's hypoxic solution, there is no water, no chemicals and no damage.

Prevenex's revolutionary hypoxic fire prevention method removes a small portion of the oxygen before the fire ever ignites. This completely eliminates the chance of fire and the need for fire suppression. The benefits are obvious - no fire, smoke, water, or chemical damage, and no risk to human life.

Website: <http://prevenex.com/>

6. REZONTECH – Flame Detectors

Flame detection is the technology for detecting flames, using a flame detector. A **flame detector** is a Sensor designed to detect and respond to the presence of a flame or fire. Its responses to a detected flame depend on the installation, but can include sounding an alarm, deactivating a fuel line such as LPG, Propane or Natural gas and activating a fire suppression system. A flame detector can often respond faster and more accurately than a smoke or heat detector due to the mechanisms it uses to detect the flame

Flame Detector is an electronic device detecting fire using specific wavelength of Ultraviolet(UV), Infrared(IR) or similar electromagnetic radiation emitted from fire.

Flame detectors & accessories are IEC Ex Approved, ATEX Approved, FM Approval, 15 kinds of Industrial Applications, 3 kinds of Equipment applications (Burner, Ship, Engines), 4 kinds of Multi type flame detector (Flame/Smoke /Temperature/Humidity)

There are 6 kinds of Test Equipment available to test the flame detectors and accessories like Power supply, various Integrations modules are supported this flame detectors

Website: <http://rezontech.com/eng/>

7. BETEC CAD – Fire Dampers

BETEC CAD has been leader for over 20 years in designing and manufacturing durable, high performance control Dampers for industrial and commercial building ventilation applications constructed from heavy-duty, high quality steel with the most advanced equipment in the industry. The Dampers can stand up to the toughest and most demanding environments and can be custom-built to meet the exact needs of virtually any ventilation or process application.

Fire dampers are designed to operate as an integral part of engineered smoke management system for building controls, and are used in walls, ceilings and floors. They are suitable for both dynamic and static systems. Fire Dampers are required by the International Uniform Building Code to maintain the required fire resistance rating of walls, partitions, and floors when they are penetrated by air ducts or other ventilation openings. Fire Dampers are tested and certified by various international authorities such as UL, AMCA, CERT, AIRE and have been classified for fire & safety applications.

BETEC CAD product range includes **Fire & Safety Building Dampers, Fire & Safety Industrial Dampers, Fire & Safety Tunnel Dampers, Fire & Safety Marine Dampers, Air Distribution Outlets, Acoustic Controls. Any of the above can be with standard measurements or custom made as per customer requirement.**

Website: <http://beteccad.com/>

8. DIGITUS BIOMETRICS (db) – Server rack level Access Control Solutions

Data is under constant threat, and physical security is the crucial part of protecting that information. Our patent-pending solutions provide perfect security at access points throughout your enterprise, from the building's entrance to the server cabinet doors in the data center. Compatibility with enterprise systems ensures that your investments are elegantly maximized. And while our customers have never experienced a single security breach through db technology, unauthorized access attempts – including those under duress – trigger alerts for immediate response for the highest level of security. And with an indisputable audit trail, you'll have an ironclad record of all activity to maintain compliance.

Stopping access control at the data center door provides no protection against insider theft. That's why every data privacy rule and regulation – PCI DSS, HIPAA, FISMA and more – considers the protection of physical assets to be as important as protecting the data stored or processed in those assets. The db Server Rack Family delivers the highest level of compliance with an indisputable audit trail covering all server cabinet access. When paired with db Nexus, that audit trail covers the entire enterprise.

Website: <http://www.digitus-biometrics.com/products/>

9. ZETA – Gas Detection System

A volume of any gas, at the same temperature and pressure, contains the same number of molecules. It is for this reason that gases are conventionally measured in Volume, in particular, the percentage (%Volume) is used for high concentrations and the part-per-million (ppm V) for low concentrations. Even if gases are different in density, there are no separate layers during the expansion. Heavy gases go downward and light gases go upward in a smooth way. Gases mainly divide in three categories: Flammable gases, Toxic gases and Inert gases.

Zeta Alarm Systems have developed the Gas Sense range of gas detectors for all flammable, Toxic and inert gases. The system consists of gas detectors installed in the area to be monitored and each one connected to a remote control panel. A fixed gas detection system should be installed to monitor areas where gases may accidentally accumulate creating hazardous conditions. This innovative detector can run as a self-contained standalone detector, or it can be linked to a central monitoring panel.

Domestic Gas Leak Detection & Protection System involved with a wall-hung household gas detection and alarm device designed to detect the concentration of combustible and toxic gases or vapors. It provides a visual and audible signal when the gas concentration reaches presetting level and reminds you to take prompt action such as startup other link equipment, ventilate gas or shut off gas supply to avoid Fire, explosion, suffocation and other evil accident.

Website: <http://www.zetaalarmsystems.com/gas-detection.html>

10. ASHLOK – Pipe in Pipe Safe Earthing Electrode

Traditional/Conventional Earthing

One Conductor pipe of particular diameter inserted in pit. Copper plate attached to the conductor. Salt and charcoal filled around it as backfill material. The conductor is in direct contact with salt & charcoal and thus it is corrosive.

Discrepancies of Traditional/Conventional Earthing

The salt poured in pit dissolves in water and gets deposited on the conductor and starts severe corrosion. The pipe is cut after some time and earthing is ineffective. The earth resistance value is very high and fluctuating. The earth resistance value increases heavily with time. The earth resistivity fluctuates with seasonal changes. Regular watering, recharging etc required. Periodical maintenance required and not regularly carried out. Low impedance value. Unable to withstand high fluctuations

What is the solution? → **SAFE EARTHING ELECTRODE**

Safe Earthing Electrode (SEE) serves the purpose effectively. There are two pipes of different diameters. The smaller dia. pipe is inside the bigger dia. pipe and the annular space between the two pipes is filled with a special conductive compound, which avoids and resists the corrosion.

The earth electrode is hot dip galvanized to enhance the life of the earth electrode particularly the outer shell which is susceptible to corrosion (depends on the soil conditions). Only the inner shell main electrode is protected by anti-corrosive compound. As the outer shell of Earthing Electrode is not perforated, there is no need of providing a funnel on top of the Electrode. Here the water is poured around the outer pipe, not inside the Electrode as is done in conventional Pipe Earthing.

Website: <http://www.ashlok.in/lightning-protection-arrestors-products.php>

11. ONSET – Data Loggers

ONSET data logging enable you in getting accurate and reliable data from different source and to track the data continuously by data loggers, external sensors, software and accessories etc. The four main types of data loggers are stand-alone data loggers, web-based data logging systems, wireless data nodes, and Bluetooth Low Energy (BLE) data loggers.

Data logger is an electronic instrument that records measurements at set intervals over a period of time. Depending on the particular data logger, measurements can include: air temperature, relative humidity, AC/DC current and voltage, differential pressure, time-of-use (lights, motors, etc.), light intensity, water temperature, water level, dissolved oxygen, soil moisture, rainfall, wind speed and direction, leaf wetness, pulse signals, room occupancy, plug load, and many more.

They can be deployed indoors, outdoors, and underwater, and can record data for up to months at a time, unattended. A data logger may be a single unit, stand-alone device with internal sensors, which fits in the palm of a hand, or it may be a multi-channel data collection instrument equipped with one or more external sensors. Data loggers are used in a broad range of indoor, outdoor, under water and temperature controlled environments.

Website: <http://www.onsetcomp.com/products>

12. LEGHORN SEALS – Provider of Security seals, tampering prevention systems etc.

LEGHORN srl from Italy is a leading manufacturer of **tamper evident security seals, locking devices, tamper evident solutions, High quality security seals for every application, tampering prevention systems, Seals for police and law enforcement** to various clients. **LEGHORN s.r.l.** was established to produce and distribute a complete range of cargo protection and security products worldwide.

LEGHORN resolution is to increase the level of security in international freight - air, ship, road – by having special electronic identification and monitoring systems for transport and logistics from the finalization of solutions for identification, protection, control and traceability already existing within the company.



LEGHORN product range includes **Security seals, Electronic seals, Sealing wires, ID, Security bags, Fire extinguisher cover, Pallet covers, Tools & identification wrist band machinery, Plastic cable ties, RF ID Readers/systems, Security labels, Security tapes, Security envelopes, Sample bottles, Tracking online**

Website: <http://www.leghornseals.com/>

13. SMOKE STATION

Active and **Passive** smokers

We all know ‘**Tobacco smoke**’ spreads out more quickly in closed ambient air and **pollutes** the living environment instantly, thereby leaving the atmosphere **harmful** for men and material. Therefore nothing wrong in welcoming an **available perfect solution**, this will keep us safe from getting exposed to Tobacco Smoke.

As a *long waited solution* we are very proud to introduce the cutting edge technology to **OMAN to say Good-Bye to Tobacco Smoke – Smoke Station.....**

Smoke Station is a compact and high-efficient electrostatic particle **filter** with following gas filtration by means of activated carbon for the reliable disposal of tobacco smoke in ambient air and also the odour of the tobacco smoke in the ambient air

Website: <http://www.rauchertisch.de/en/>

14. SERVER ROOM INFRASTRUCTURE SERVICES

We undertake following Server room Infrastructure services

- UPS Installation
- Electrical Installation
- Fire Alarm System
- Supply of Dehumidifiers
- Conduiting and Cabling works
- Environment Monitoring System
- CCTV and Access Control System
- Automatic Fire Extinguishing System
- Early warning Air sampling VESDA system
- Raised Flooring, False Ceiling and Partition works
- Integration of various equipment and systems
- Annual Maintenance Contract

15. ELECTRICAL INSTALLATIONS

Electrical Installations we are extended but not limited to the following

- UPS Installation
- Installation of PDU
- Earthing and Bonding
- PDU Power monitoring
- Energy Management system
- Supply of Power measurement products
- Supply and Installation of Light Fixtures
- Power distribution through Industrial Sockets
- Supply and Installation Electrical cabling
- Supply and Installation of Cable Trays and Trunking
- Design and Installation of Panel Boards/Distribution boards

16. ACCESS CONTROL SYSTEM - <http://www.soyal.com/product.php?act=class>

17. CCTV - <http://www.dahuasecurity.com/products.html>