



## OUR COMPANY BIG BACKGROUND



**TECHNO  
WIRED**

Is an international company whose headquartered is in Florida USA with offices in Monterrey and Mexico D.F. expanding in Latin America, is a wholesaler integrator of high technology products, as well one builder of internal plant projects, aerial constructions and underground constructions. It was founded in 1997 by a group of engineers of various specialties with more than 20 years of experience in telecommunication, radiocommunication, industrial electricity, intelligent lighting, computer and automation applications in the following sectors:

- Industrial
- Mining
- Oil
- Gas
- Electric
- Commercial
- Financial



# PRODUCT: INDUSTRIAL TELEPHONES



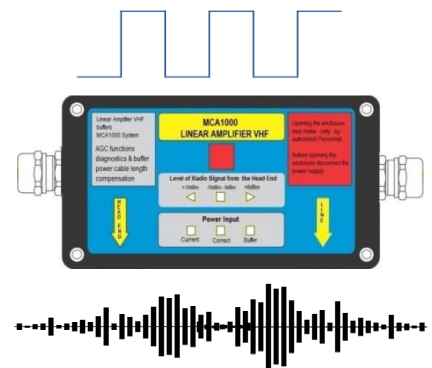
## INDUSTRIAL TELEPHONES

- Ex Proof Telephones for Refineries
- Weather Proof Telephones for Mining
- Ex Proof Telephones for Coal Mining
- Courtesy Public Telephones



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# PRODUCT: LEAKY FEEDER SYSTEMS



## NETWORKS WITH ANALOG AND DIGITAL DMR LEAKY FEEDER SYSTEMS

- We recommend the Leaky Feeder Digital DMR System
- For Mining Automation because it is noise free
- Digital Radios can Send Text Messages
- Manages Asset Tracking Systems Inside and Outside of the Mine
- Supports Redundancy Ring with Remote Monitoring Diagnostics
- It possesses Measurement System of the Production in Real Time



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# PRODUCT: FIBER OPTIC AND CABLE FITTINGS



## YOUR PARTNER IN NETWORK CONSTRUCTION

- Aerial Fiber Construction
- Trenching Fiber Optic Construction
- Fiber Optic Construction in Mining
- Internal Plant Fiber Optic Construction



# PRODUCT: WIRELESS LINKS



**redline**  
communications



## CONSTRUCTION OF WIRELESS LINKS

- **Broadband Links for Voice, Data and Video**
- **Broadband Links for Oil Well Monitoring**
- **Broadband Links for Video Surveillance in Municipalities**
- **VHF / UHF Narrow Band Links to Monitor Pipelines**



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# PRODUCT: ENERGY SAVING IN AIR CONDITION AND LIGHTING



## SAVE ENERGY IN LIGHTING AND AIR CONDITIONING

- Energy saving with smart presence sensors
- Saving Lighting in Industrial Plants
- Saving Air Conditioning in Offices and Hotels
- Intelligent Building Automation
- Intelligent Industrial and Commercial LEDs Luminaires



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# OUR MAIN CUSTOMERS





# SOME IMPORTANT PROJECTS



## EXTERNAL PLANT PROJECTS AT PEMEX

- Technowired for more than a decade has participated in several Pemex projects that include the installation of more than 100 km of fiber optics, the construction of more than 20 km of underground pipelines, civil works and street re-laying to implement control and automation systems for The monitoring of plants such as Hydros, Primary, Catalytic, Sulfur and Burners in the refineries of Salina Cruz, Oaxaca among others.



# SOME IMPORTANT PROJECTS



## **ELECTRIC CONTROL PROJECT AT CFE CD. CUAUHTEMOC**

- **Technowired did the construction of aerial fiber optic and automation of electrical control project between CFE Cd. Cuauhtémoc electrical substation and the electrical substation of Cd. Anáhuac.**
- **Underground construction of Pipeline Pipelines in both trenches for the installation of communications links and two nema 4 cabinets for the installation of Ethernet data switches and electrical control devices.**



# SOME IMPORTANT PROJECTS



## LEAKY FEEDER NETWORK CONSTRUCTION AT COBRIZA MINE

- **Technowired installed a leaky analogue VHF MCA1000 feeder systems for Cobriza mine on the hill of the friar in San Luis Potosí.**
- **Special hardware was manufactured and a catenary was built to support the installation of the leaky feeder cable of around 6km.**
- **A 50 watt Tait repeater was also installed to provide coverage in a 150-km valley and support all mine operations.**



# SOME IMPORTANT PROJECTS



## AERIAL FIBER OPTIC CONSTRUCTION AT COPAMEX

- TechnoWired participated in the aerial construction of a optical fiber link for the client COPAMEX, where it was installed more than 15 km of ADSS optical fiber under the high voltage line of 115 Kilovolts of CFE, between the substations of CFE Ciudad Cuauhtémoc and the Copamex Paper Plant in Anáhuac.
- For the realization of this project was also carried out the task of obtaining approval of the project with Federal Electricity Commission, the approval of crossings of avenues with the municipality of Anahuac and the approval of crossing of railways with the Secretary of Communications of the State of Chihuahua.



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