

**DURAN**<sup>®</sup>  
electrónica

**gas**  
DETECTION



**fire**  
DETECTION



**environmental**  
CONTROL  
AND tunnels



*SOLUTIONS*



Certificado nº FS82426



# C O N T E N T S

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*at a glance*

**DURÁN ELECTRÓNICA** was created in 1984, taking the legal form of a **LIMITED SOCIETY** in 1992.

We have a dynamic team that offers solutions to protect persons and installations. Initially we worked on the design and manufacture of Carbon Monoxide detection systems using semiconductor sensor, but later began developing equipment using electrochemical, catalytic and infrared sensors, thus notably expanding our product catalogue and the applications for which we could offer solutions: underground car parks, utility tunnels, road and railway tunnels, shopping malls, airports, factories, agro-food industries, water treatment plants, laboratories, other industries and civil construction.

In parallel we have completed our range by distributing other supplementary products that allow us to offer complete solutions, which include conventional and analogic fire detection, atmospheric control, and environmental control in construction and industrial processes.

Our drive for innovation, our commitment to our clients and the expertise of our technical department put us in a privileged position of leadership in this market. We are the main manufacturer of toxic and explosive gas detectors in Spain, and we occupy a prominent position in the European market.

We are present in more than 50 countries thanks to solid distribution agreements. All our products are in compliance with the appropriate certifications and, also, with CE markings following European Directives.

**DURÁN ELECTRÓNICA** also offers exproof ATEX certified detectors, using catalytic, infrared and electrochemical technology for the detection of explosive and toxic gases, CO2 and oxygen.

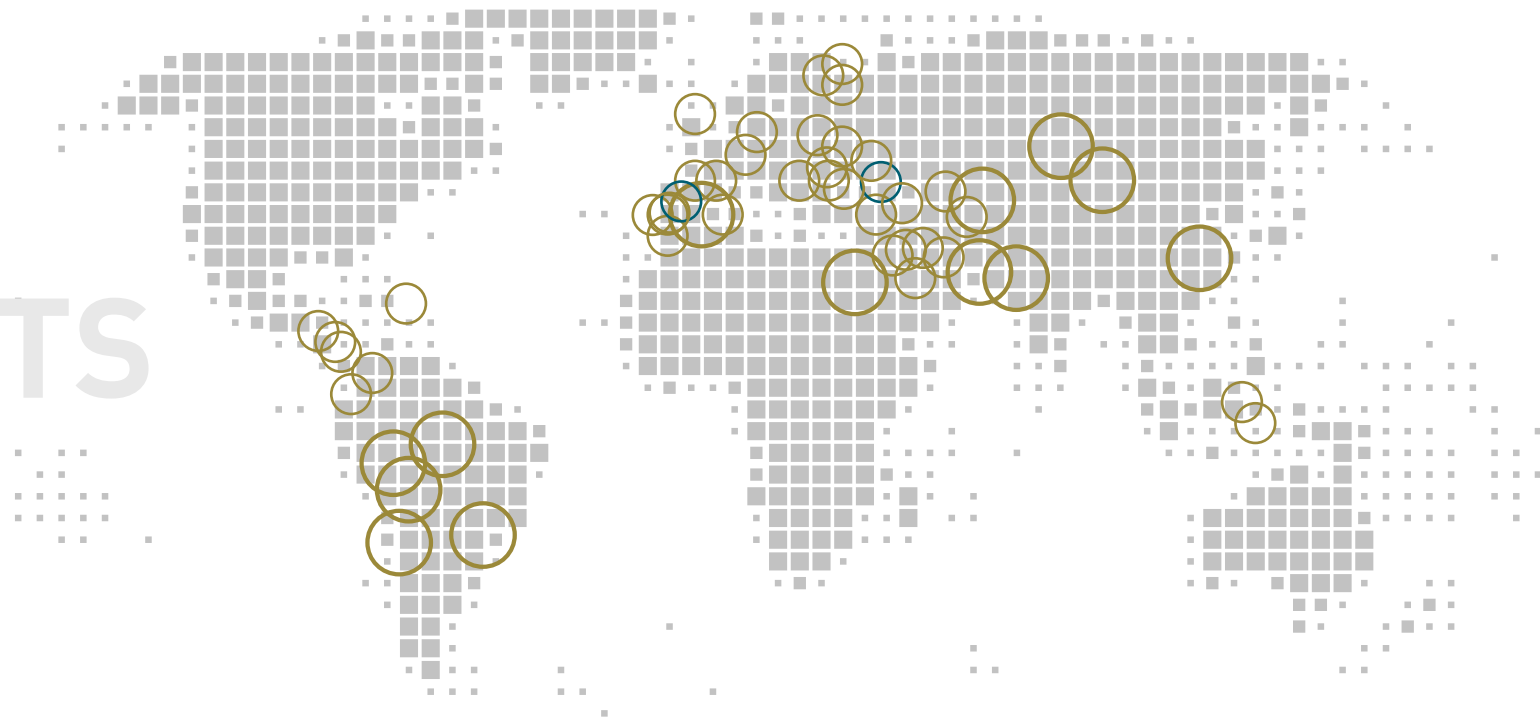
Our equipment protects thousands of emblematic installations throughout the world, amongst which should be noted the underground car parks of the most important shopping malls and skyscrapers and, very specially, tunnels, having become one of the companies with greater specialization in the global supply of gas and fire detection, and environmental control for this specific type of construction in the world.

**DURAN ELECTRONICA**, faithful to its commitment to the highest quality standards, has attained the Certificate of compliance with requirements for the ISO 9001: 2008 standard nr. FS 82426 issued by the prestigious British Standards Institution (BSI) since the year 2000.



*markets*

# MARKETS



## International buyers of DURAN's products

ANDORRA  
ALGERIA  
ARGENTINA  
AUSTRIA  
BELGIUM  
BOSNIA & HERZEGOVINA  
BRAZIL  
BULGARIA  
CHILE  
CZECH REPUBLIC  
COLOMBIA  
CROATIA  
DOMINICAN REPUBLIC  
ECUADOR

EL SALVADOR  
EGYPT  
ESTONIA  
FINLAND  
FRANCE  
GREECE  
GUATEMALA  
HONG-KONG  
HUNGARY  
INDONESIA  
IRAN  
ISRAEL  
JORDAN  
KAZAKHSTAN

KUWAIT  
LATVIA  
LEBANON  
LITHUANIA  
MACEDONIA  
MOROCCO  
MEXICO  
PAKISTAN  
PERU  
POLAND  
PORTUGAL  
ROMANIA  
RUSSIA  
SAUDI ARABIA

SERBIA  
SINGAPORE  
SLOVAKIA  
SLOVENIA  
TURKEY  
TUNISIA  
UNITED ARAB EMIRATES  
UNITED KINGDOM





*products*

# G A S D E T E C T I O N

## CENTRALIZED SYSTEMS: CONTROL UNIT & RS485 DETECTORS:

- DURÁN 203 PLUS (CO) (RECENTLY DISCONTINUED)
- EUROSONDELCO
- DURPARK (CO & NO<sub>2</sub>)
- DURGAS

## 4-20mA DETECTORS

### O<sub>2</sub> & TOXIC GASES

- SONDELTOX
- DURTOX
- DURTOX-X ATEX

### EXPLOSIVE GASES

- DURTEX HC /DURTEX HC PRO
- DURTEX-X HC PRO ATEX

### CO<sub>2</sub> & EXP INFRARED

- DIREX
- DIREX-X ATEX

## STAND ALONE DETECTORS

- STANDGAS HC / STANDGAS HC-PRO
- STANDGAS PRO LCD EXP / STANDGAS PRO LCD TÓX







# F I R E D E T E C T I O N

## C O N V E N T I O N A L S Y S T E M S

CONTROL UNITS  
DETECTORS & ACCESORIES  
LINEAR HEAT CABLE

## A N A L O G I C A L S Y S T E M S

CONTROL UNITS  
DETECTORS & ACCESORIES  
MODULES

## A L G O R I T H M I C S Y S T E M S

CONTROL UNITS  
DETECTORS & ACCESORIES





# ENVIRONMENTAL CONTROL AND TUNNELS

## ANEMOMETERS

VANE  
ULTRASONIC BIDIRECTIONAL  
WIND VANE AND CUP

## OPACIMETERS

## LUMINOSITY SENSORS

LUX METER

## ATMOSPHERIC SENSORS

VISIBILITY METERS  
PLUVIOMETER  
HUMIDITY AND TEMPERATURE SENSOR  
BAROMETER

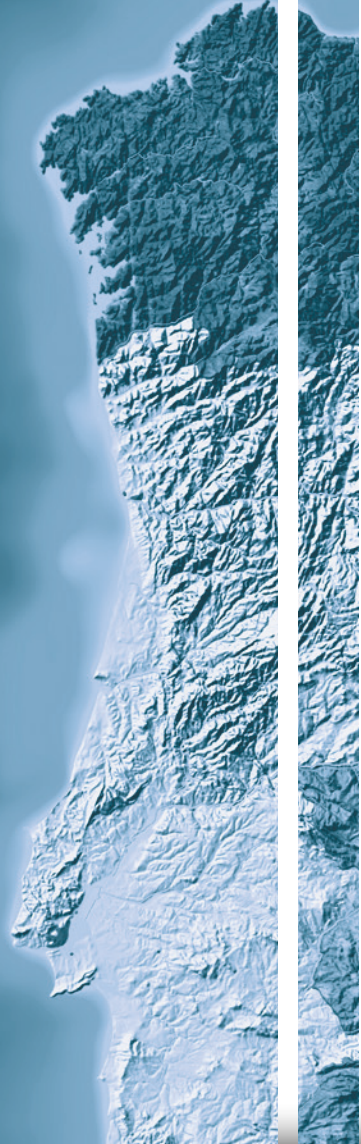




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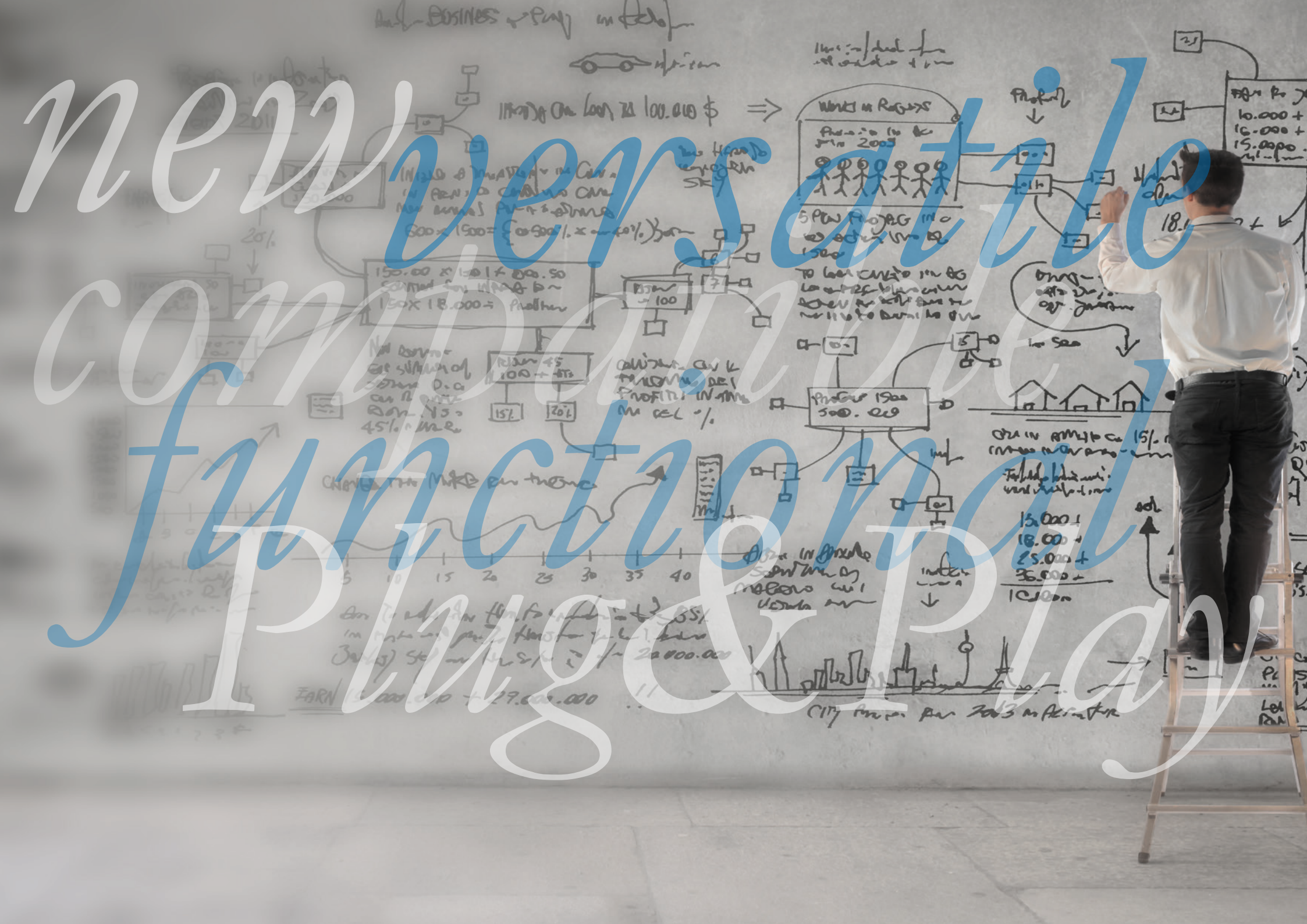


RUSSIAN INTERNATIONAL OLYMPIC UNIVERSITY, *SOCHI. RUSSIA.* SIEMENS CC62P CO  
 ASHGABAT OLYMPIC COMPLEX, *TURKMENISTAN.* DURAN 203 PLUS  
 COSTANERA CENTER BUILDING COMPLEX IN *SANTIAGO, CHILE.* EUROSONDELCO CO & DURTEX HC PRO  
 TRUMP TOWERS SKYSCRAPER IN *ISTANBUL, TURKEY.* DURÁN 203 PLUS  
 MASUIKA OFFICE PLAZA. *LUANDA. ANGOLA.* SIEMENS CC62P CO  
 AL MADAEN MARKET, *AQABA, JORDANIA.* DURPARK CO  
 AKASYA AVM SHOPPING CENTRE, *ISTANBUL. TURKEY.* DURAN 203 PLUS  
 PRESIDENTIAL SYMPHONY ORCHESTRA NEW BUILDING, *ANKARA. TURKEY.* DURAN 203 PLUS  
 AVENUE MALL SHOPPING CENTER IN *OSIJEK, CROATIA.* DURAN 203 PLUS  
 GOLD PLAZA CENTER IN *BAIA MARE, ROMANIA.* DURAN 203 PLUS  
 SUPREME COURT BUILDING IN *WARSAW, POLAND.*SIEMENS CC62P CO  
 SPORT PARK STOŽICE COMPLEX, *LJUBLJANA, SLOVENIA.* EUROSONDELCO CO  
 IKEA CENTER IN *LOURES, PORTUGAL.* SIEMENS CC62P CO  
 SUPERNOVA SHOPPING CENTRE IN *ZAGREB, CROATIA.* SIEMENS CC62P CO  
 SWEDBANK CENTRAL OFFICES IN *VILNIUS, LITHUANIA.* DURÁN 203 PLUS  
 NUEVA NECAXA-AVILA CAMACHO TUNNELS, *MEXICO.*  
 HIDROSOGAMOSO TUNNEL. *COLOMBIA.*  
 RIYADH OLD AIRPORT TUNNEL, *SAUDI ARABIA*  
 GAS DEPOSITS IN *CAMISEA, PERU.* SIEMENS CC62P & DURTEX-X HC PRO  
 TEMPORARY FUEL STORAGE IN *MACAO, CHINA.* SIEMENS CC62P & DURTEX  
 ARÇELIK FACTORY IN *ESKISEHIR. TURKEY.* SIEMENS CC62P & DIREX HC  
 KRAFT FOODS MAIN INSTALLATIONS IN *CURITIBA, BRAZIL.* SIEMENS CC62P & DURTEX-X HC PRO  
 PUERTO VENECIA SHOPPING AND LEISURE CENTRE. *ZARAGOZA. SPAIN.*DURAN 203 PLUS  
 FERIA VALENCIA BUSINESS FAIR VENUE CAR PARK. *VALENCIA, SPAIN.* DURAN 203 PLUS  
 UNIVERSIDAD COMPLUTENSE DE MADRID PARKING, *MADRID. SPAIN* DURAN 203 PLUS  
 NEW ADVANCED SCIENTIFIC INVESTIGATION CENTER, *LA CORUÑA. SPAIN.* EUROSONDELCO CO & O2  
 KOSTAL ELECTRICA FACTORY, SENTMENAT, *BARCELONA.SPAIN.*  
 VIDIN BRIDGE UTILITY TUNNELS, *VIDIN. BULGARIA.*  
 100km CITY UTILITY TUNNELS, *MADRID, SPAIN.*



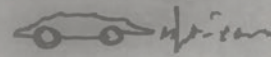
*new 2014  
products*





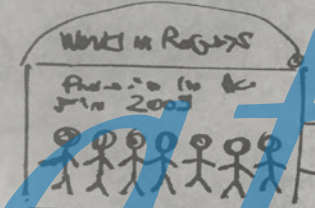
new construction  
Project & Plan

BUSINESS PLAN



11/20/08 On Loan 72 100.000 \$

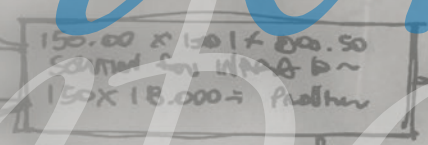
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Product

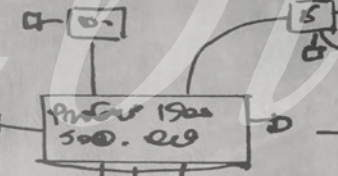
10.000 +  
16.000 +  
15.000 +

150.00 x 150 = 22.500  
150 x 18.000 = 2.700.000



1500 - 100

TO GET CASH IN 10  
LOAN 25.000.000  
25000000 / 1500 = 16666.67



18.000



15%

15.000 +  
18.000 +  
25.000 +  
36.000 +

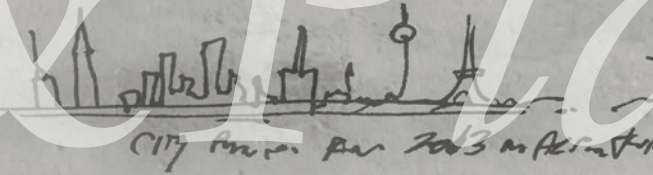
CHANGE THE MARKET



1000 IN 10000  
10000 IN 10000

10000

EARN 10.000.000 + 29.000.000 !!



CITY PLAN FOR 2013



## New Control Panel for the detection of Toxic and Explosive gases and Oxygen.



- > It can detect up to four different gases simultaneously per module line.
- > Automatically detects the quantity and type of detectors, auto configuring gas type and ventilation and alarm levels.
- > It is incredibly flexible, ideal for industrial applications, underground car parks and tunnels.
- > Compatible with all old and new detectors manufactured by DURÁN ELECTRÓNICA

Extendable from 1 to 4 module lines.

Preprogrammed in accordance to various standards and languages

**FLEXIBLE, EASY TO PROGRAM SOFTWARE**

**EXCEPTIONAL MANOEUVRE CAPABILITY**







# DURPARK

## New system for the detection of Carbon Monoxide (CO) and Nitrogen Dioxide (NO<sub>2</sub>)

- > Using a low cost electrochemical sensor with great performance.
- > Especially suited for the protection of underground car parks.
- > RS485 three-wire communication and addressable. Each detector is individually monitored. Great reliability and precision.
- > Can detect CO and NO<sub>2</sub> in the same loop. If the system recognizes the presence of detectors of both gases in the same module line, it reprograms itself automatically into two groups and two independent relay outputs.
- > Maintenance work has been simplified, as gain and zero are automatically calibrated using software, and sensor sensibility can be tested without using gas.



# DURPARK Mini

- > Includes a special function that allows leaving detectors in test mode so that they will not be operational in case of fault or maintenance.
- > Available MINI and full version, expandable from 1 to 4 module lines.
- > Preprogrammed in accordance to Spanish and Portuguese Standards with three languages, each module line works independently.
- > Includes three voltage-free switched relay outputs, and therefore three programmable independent actuation levels per module line.
- > Each module line can memorize 14 different events, up to a total of 999 of each.





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