



blue
fire solutions

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Company profile

Advanced Security Technologies SRL is working in the construction market in Romania together with its subsidiary Blue Building Solutions. The two companies, that have the same shareholders, are organized as two economic divisions, the first division has the capacity for designing, consulting and project management of automatic fire extinguishing systems, and the and second division is dedicated to implementing, commissioning and servicing the above mentioned systems.

Advanced Security Technologies SRL was founded in 2006 with the main puporse to deliver high quality consultancy in the field of security activities, based on the extensive experience of the first associates Mr. Eng. Gheorghe Muresanu PhD and Mr. Eng. Florin Cetina. Two years later the team was enlarged with Mr. Eng Justin Tanase, who brought his expertise in sales and project managemant.

The company implemented the management systems for: Qality SR EN ISO 9001:2008, Information Security SR EN ISO 27001:2006, Safety SR OHSAS 18001:2008, Environment SR EN ISO 14001:2005 and Social responsibility SA 8000. Also, the company has the required licenses for fire risk evaluations, designing, implementing and servicing of fire protection and security systems granted by Romanian authorities.

Applications

Archive



Technical rooms



Industry



Museum



References

STAR STORAGE

Designing, installing and commissioning (fire detection system, aspiration fire detection system and conducting inspections within guarantee period) for STAR STORAGE objective, storage archive, Aleea Mizil nr. 28 - 36, sector 3.



References

STAR STORAGE

Designing, installing and commissioning (water automatic fire extinguisher system fast response pendent sprinklers type, intermediary pendent for STAR STORAGE objective, storage archive, Aleea Mizil nr. 28 - 36, sector 3.



References

TARIVERDI

Designing, installing and commencing (nitrogen automatic fire extinguisher system, conventional fire detection system) for 400 KV TARIVERDI Electrical Plant, in position of subcontractor of S.C. BRAHMS INTERNATIONAL S.R.L.



References

TARIVERDI

The project includes detection system installing, fire alarm and inert gas automatic fire extinguisher system (nitrogen) - for 4 areas located, in the building designated for electrical conversion station of 400 KV Tariverde Electrical Plant. For each area have been used one conventional fire detection command box with one fire extinguisher module



References

ALPHA BANK

Designing, installing and commissioning (inert gas automatic fire extinguisher system, fire detection system) and conducting inspections within guarantee period for ALPHA BANK ROMANIA SA objective, in data room located in NEOCITY building, Calea Dorobantilor nr. 237B, Sector 1, Bucharest



References

ASIBAN SA

Designing, installing and commissioning (inert gas automatic fire extinguisher system, fire detection system) for ASIBAN SA, in 2 rooms data-center located at Mihai Eminescu street, no. 45, sector 1, Bucharest, Romania



References

MARITIMO CENTER

The project includes detection system, fire alarm and inert gas automatic fire extinguisher system (nitrogen) - for 4 Data Center



Other References

- ✓ Status report, (operational capacity evaluation of fire defense installation) for Bucharest Tower Center objective, B-dul Ion Mihalache no 15, sector 1, Bucharest, 100 pages workbook - 3 volumes, in benefit of ALPHA BANK ROMANIA SA
- ✓ Disaster test, (operational capacity evaluation of fire defense installation) for F1 and F2 Logistic Park objective, Popesti Leordeni, Sos. Oltenitei, area T13, in benefit of Millenium Logistic Park.
- ✓ Remedial and precautionary maintenance service of fire control and extinguisher system for Branesti objective, Pantelimon DN3, in benefit of Arcelor Mittal
- ✓ Designing, installing and commencing (fire detection system) for S7 School, S9 School, 141 School objectives, Bucharest, in position of subcontractor of Integarl SA
- ✓ Designing, installing and commencing (inert gas automatic fire extinguisher system, addressable fire detection system) and conducting inspections within guarantee period for „SC MAYR MELNHOF PACKAGING ROMANIA SA DN 1, no. 920, 107070 Blejoi”.
- ✓ Expertise for designing, installing, testing and commencing for fire defense installation for SEMA PARC C1+C2, Splaiul independentei no 319 Bucharest, in position of expert advisor of River Invest operator.

Products & Solutions

Inert Gas Systems



Halocarbon Systems



Pre-Engineered Systems



Water Mist Systems



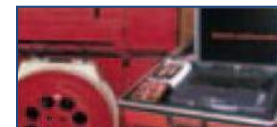
Detection Systems



Portable Fire Extinguishers and Equipments



Maintenance and Customer Assistance



Services



Extinguishing

Extinguishant electrically non-conducting gaseus that, upon evaporation, does not leave a residue

Halocarbon Systems



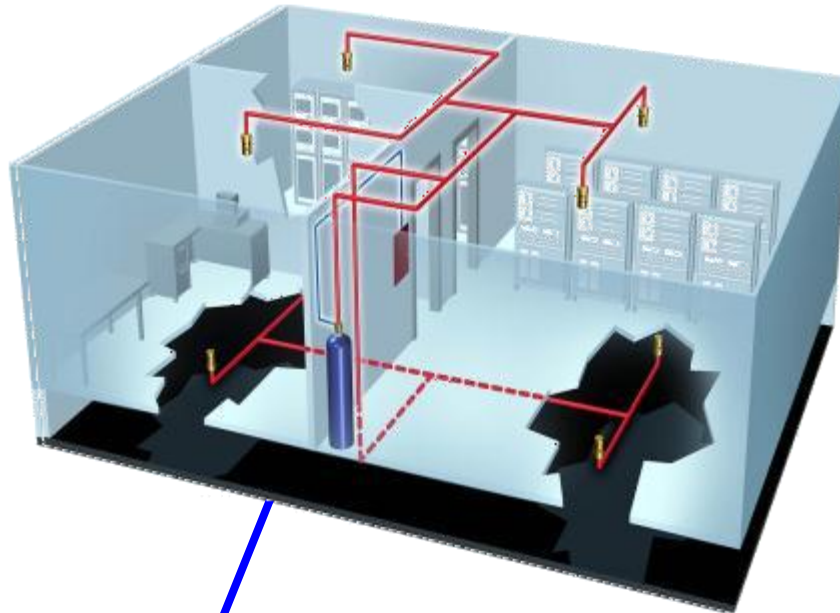
Inert Gas Systems



Designing

- Inspection volume to protect
- Risk analysis (class Hazard)
- Choice of Clean Agent
- Choice of components CE marked as defined in EN12094 and PED\TPED
- Pre-calculation of storage container number
- Pre-calculation of pipe network
- Dimensioning of pipe network with specific hydraulic software
- System Installation
- System start up
- Door fan test for determination of minimum hold time (Door Fan Test)
- Maintenance of gaseous fire-extinguishing system

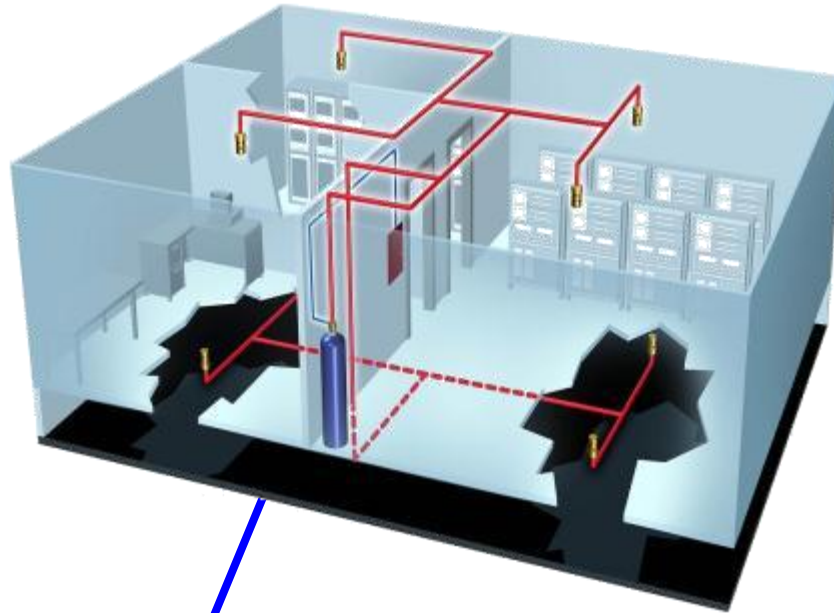
System Typologies



Valv & Container
UNI EN 12094 part-4:2004



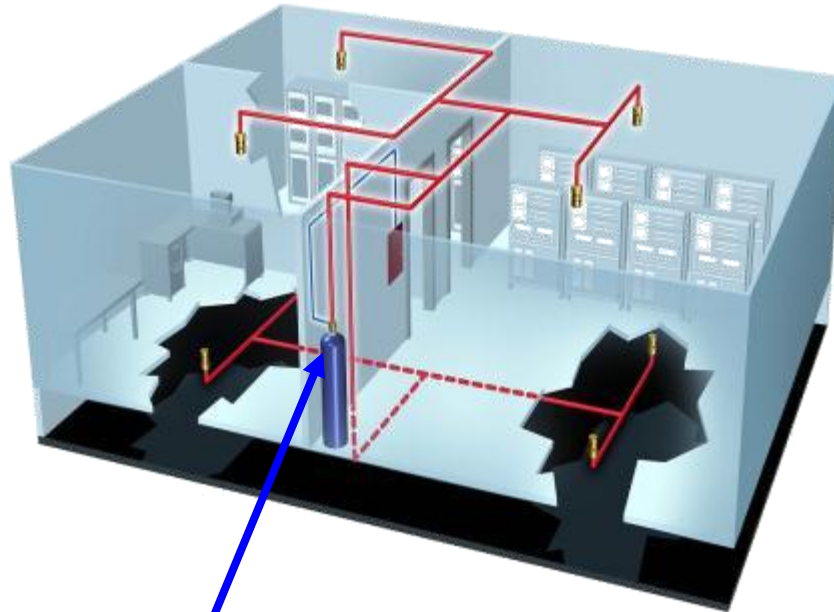
System Typologies



Restrictor
(only for IG)

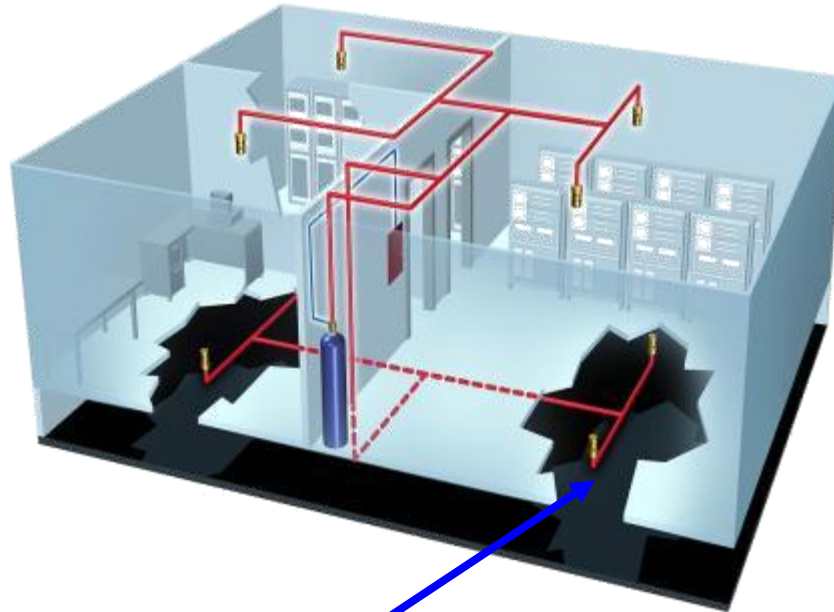


System Typologies



Pipe Network

System Typologies



Nozzle



Comparison

IG

Advantages

- No Environmental Effect
- No corrosive action on goods protected
- Good visibility during discharge
- Low Clean Agent price

HALOCARBON

- Low container packed
- Low time of discharge (10s)

Disadvantages

- High time of discharge (60s)
- High container packed
- High installation cost
- Probable Overpressure dumper installation
- Bad visibility during discharge
- Low Environmental Effect
- Check of atmosphere emissions (Reg.Eur. 842/2006)



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blue
facility management solutions



blue
business-critical solutions



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advanced technology