SERVERHOUSING – THE FLEXIBLE SERVER ROOM

Most companies want to secure their data by securing the physical server room against fire, burglary, over heating, water, etc. Duelco Serverhousing is a flexible solution, that can be adjusted to the requirements of the customer. Duelco offers buildings from 1 to 50 server-racks with integrated raised floor, cooling, UPS, electrical installations, light, racks, monitoring and other equipments specified by the customer.

Duelco delivers Serverhousing shelters for indoor and outdoor applications. The server houses can be delivered fully mounted (ON SITE) or as flat pack (ASSEMBLY ON SITE). The buildings are designed to achieve the fire resistant classes EI60, EI90 or EI120.

CUSTOMIZED SOLUTIONS:

Duelco is specialized in shelters production fully according to costumer requirements. If you have the application, give us a call or e-mail, and we would be happy to give you the best and fastest solution.

The few solutions here shown are just a taste of our activities within this area.

SHELTERS

duelco
partners in perfection

duelco
partners in perfection

Duelco

SHELTERS

Duelco A/S is a Danish company, established 1974 as an engineer and trading company, specialized in mechanical and electrical solutions. We develop and deliver system solutions for tele- / data communications and small server houses. Our solutions are based on different shelter platforms, which give the customer maximum of flexibility.
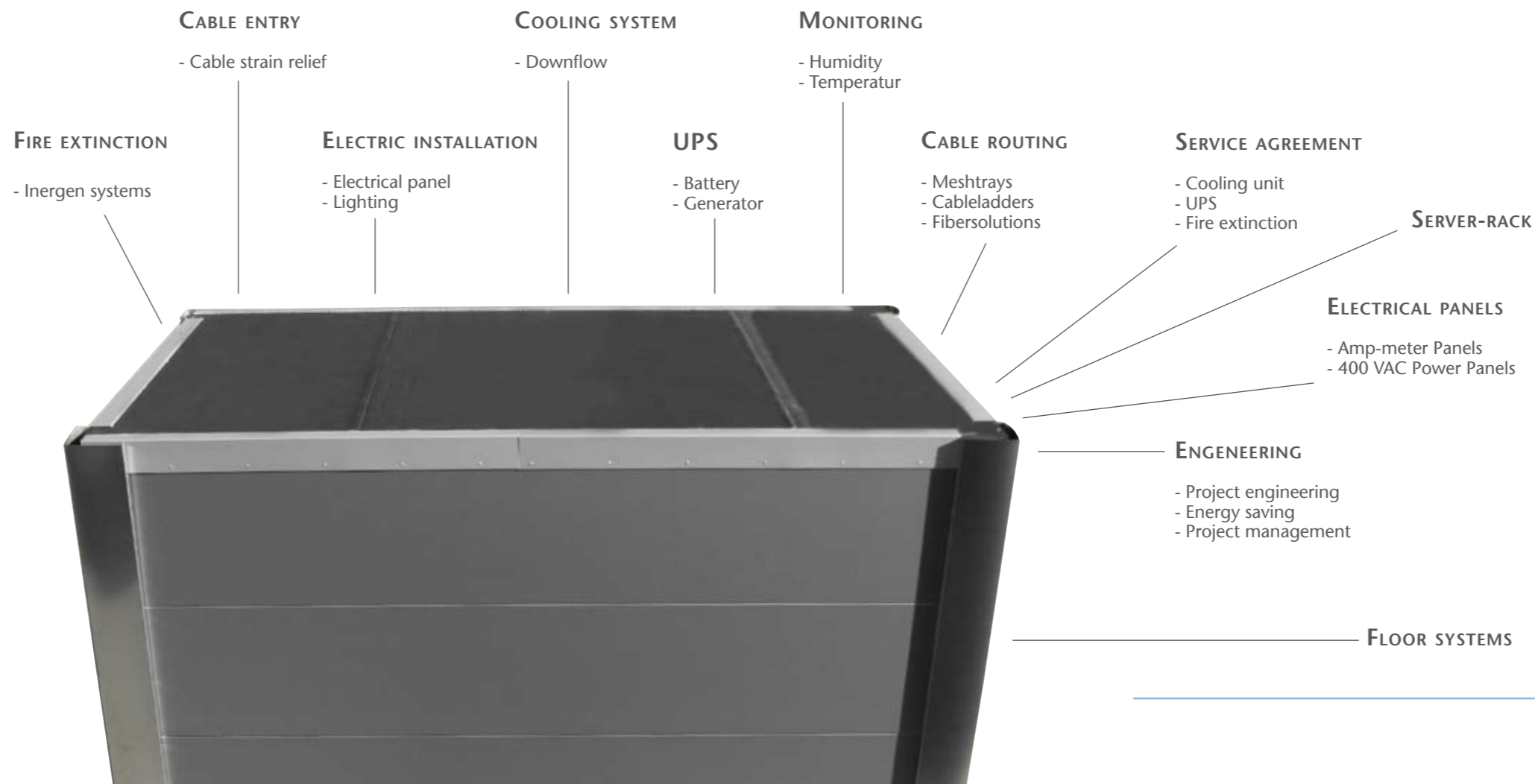
LIGHTSITE – THE PERFECT DATA- / TELECOM SHELTER:

This concept is specially designed to fulfill the requirements from the telecom world. The construction is lighter than traditional shelters of black steel without making any compromises on the stability or the quality of the shelter. The construction itself is a sandwich construction made to the demands of tomorrow.

SERVERHOUSING | CONFIGURATION | PHYSICAL IT SECURITY | TELE-/DATA COMMUNICATION

The walls, roof and floor are sandwich laminated building elements with a light frame construction inside - which for example could be an aluminum frame. Inside the shelter the walls can be delivered with different kinds of material. The most common version is with birch plywood, which gives the user an easy installation of the equipment.

The outward appearance of the LightSite shelter can be designed to meet customer wishes. Duelco has developed different design solutions, where design and functionality meet at a higher level, a requirement that has greater focus than ever before, as the shelters tends to be placed in the landscape.

CABLE ENTRY
- Cable strain relief

COOLING SYSTEM
- Downflow

MONITORING
- Humidity
- Temperatur

FIRE EXTINCTION
- Inergen systems

ELECTRIC INSTALLATION
- Electrical panel
- Lighting

UPS
- Battery
- Generator

CABLE ROUTING
- Meshtrays
- Cableladders
- Fibersolutions

SERVICE AGREEMENT
- Cooling unit
- UPS
- Fire extinction

SERVER-RACK

ELECTRICAL PANELS
- Amp-meter Panels
- 400 VAC Power Panels

ENGENEERING
- Project engineering
- Energy saving
- Project management

FLOOR SYSTEMS

The standard LightSite has 4 solid corners of galvanized steel, which protects the building and function as feet's for the building.

The shelters can be installed with climate control, light, electrical installation and racks according to customer requirements. The Light-Site shelter can be delivered as a flat pack building or as a complete turn key shelter.

TYPICAL APPLICATIONS:

• GSM / UMTS base stations
• Broadband networks, fiber
• Other technical housing