SIEMENS



SMARTER PROTECTION MATTERS

Cerberus PRO C-Net devices

Planing Tool

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Lobeco

FIRE + SECURITY

We make it work.

are binding only when they are expressly agreed upon in the concluded contract. course of further development of the products. The requested performance features specifically reflect those described, or which may undergo modification in the contains general descriptions and/or performance features which may not always Subject to changes and errors. The information given in this document only

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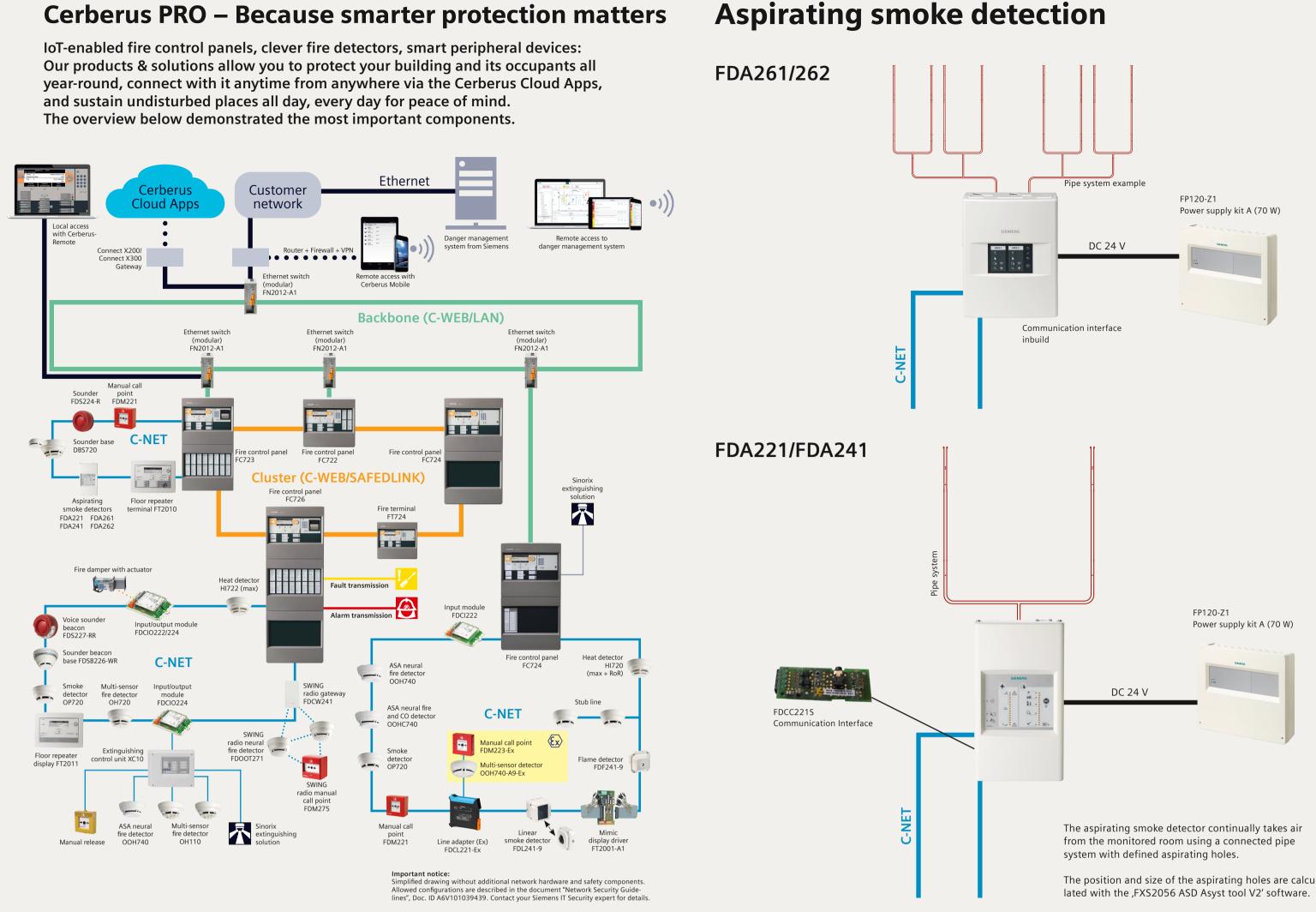
Tel +41 58 724 24 24 Switzerland ნnZ 00£9 Theilerstrasse 1a International Headquarters noisivid səipolondəəT pniblina 1202 btd braitzerland Ltd 2021 Published by

siemens.com/smart-infrastructure Creating environments that care.

and supports sustainable development. It helps our customers to thrive, communities to progress

people and helps customers to better use resources. ecosystem that intuitively responds to the needs of We work together with customers and partners to create an

and work. buil aw yew ant avlova bne tqabe ot sainteubni bne epribliud Smart Infrastructure intelligently connects energy systems,



Robust or sensitive? Configuration depends on the application.

High Suppression (PS8)	Suppression (PS5)	Suppression CO (PS12)	High Compensa- tion (PS7)	Robust (PS2)	Balanced (PS4)	Balanced CO (PS10)	Fast Response (PS6)	High Sensitive Fast (PS9)	Super Sensitive (PS11)
Robust								· · · · · · · · · · · · · · · · · · ·	Sensitive
Application area For operating conditions susceptible to heavy optical deceptive phenomena. Ex- amples include dance floors in discotheques (deceptive phenomena: dry ice) or churches during special ser- vices (deceptive phenom- ena: frankincense).	Application area Difficult environments subject to heavy deceptive phenomena. Application examples include canteen kitchens or manufacturing areas with operational- related deceptive aerosols.	Application area Difficult environments subject to heavy deceptive phenomena. Application ex- amples include manufactur- ing areas with operational- related aerosols. Additional separate CO toxic gas de- tection and environmental monitoring.	Application area Applications with deposits resulting from excessive dust or dirt over a long- time period. Here, optical detectors usually reach their limit quickly, resulting in a reduced operational lifetime.	Application area Difficult environmental con- ditions. Examples are event locations or underground garages with moderate deceptive phenomena and risks to individuals.	Application area Standard applications. Rooms with moderate deceptive phenomena.	Application area Rooms where an increased CO concentration in the event of a fire is possible. Moderate deceptive phe- nomena.	Application area Rooms in which sensitive and quick detection is es- sential such as rooms with high ceilings, warehouses with flammable material (increased risk of fire) and application areas where the detectors trigger an extinguishing system.	Application area Rooms in which an espe- cially high sensitivity to smoldering and open fires is required. Examples in- clude museums with high ceilings, clean production halls or applications where adequate life protection can only be ensured by the fastest possible detection. Due to special thermal al gorithms, usage at low tem- peratures is also possible.	Application area Applications in clean envi- ronments like data centers or clean rooms, where the fastest and most sensitive detection of smoldering and open fires is required t ensure business continuity
Application examples Multi-purpose halls, theater stages, churches, dance floors in discotheques	Application examples Canteen kitchens, produc- tion areas with operational-related decep- tive phenomena	Application examples Production areas with oper- ational-related deceptive phenomena	Application examples Paper mills, carpenter's workshops, textile produc- tion, recycling plants	Application examples Event locations, conference rooms, smoking rooms, gastronomy, industry, production, underground garages	Application examples Offices, open-plan offices, hallways, hotel rooms, out of hours use in harsh envi- ronment areas	Application examples Same as for "Balanced", but with increased sensitivity to smoldering fires creating CO gas	Application examples High-ceilinged rooms, stor- age rooms/warehouses with flammable material, IT rooms and control of extinguishing systems	Application examples Hospital rooms, museums, operating rooms, cold storage, high-ceilinged rooms, when highly sensi- tive detection is of great importance	Application example Clean rooms, data centers museums, hospital rooms operating rooms, cold storage, high-ceilinged rooms, when highly sensi tive detection is of great importance
Complies with the norm:	Complies with the norm	Complies with the norm	Complies with the norm	Complies with the norm	Complies with the norm	Complies with the norm	Complies with the norm	Complies with the norm	Complies with the norm
01111.	EN 54-7, EN 54-29	EN 54-7, EN 54-29	EN 54-7, EN 54-29	EN 54-7, EN 54-29	EN 54-7, EN 54-29	EN 54-7, EN 54-29	EN 54-7, EN 54-29	EN 54-7, EN 54-29	EN 54-7
		oncepts where smoke detection is ws much faster detection than sw						l for this kind of fire quickly to the ector a perfect replacement in situ	



during events where dry ice is used. This parameter set allows much faster detection than switching to purely thermal detection. This enhances safety at critical times where visibility is reduced and large numbers of people are in attendance. Further options include the ability to switch between parameter sets so that a more sensitive detection mode can be used when no dry ice is likely. The detector complies with the norm EN 54-5 and in some jurisdictions heat detector spacing may be applicable.

ward scattering and the "Fast Response" setting, the detector is sensitive. This makes the detector a perfect replacement in situations where ionization detectors would normally have been considered optimal.

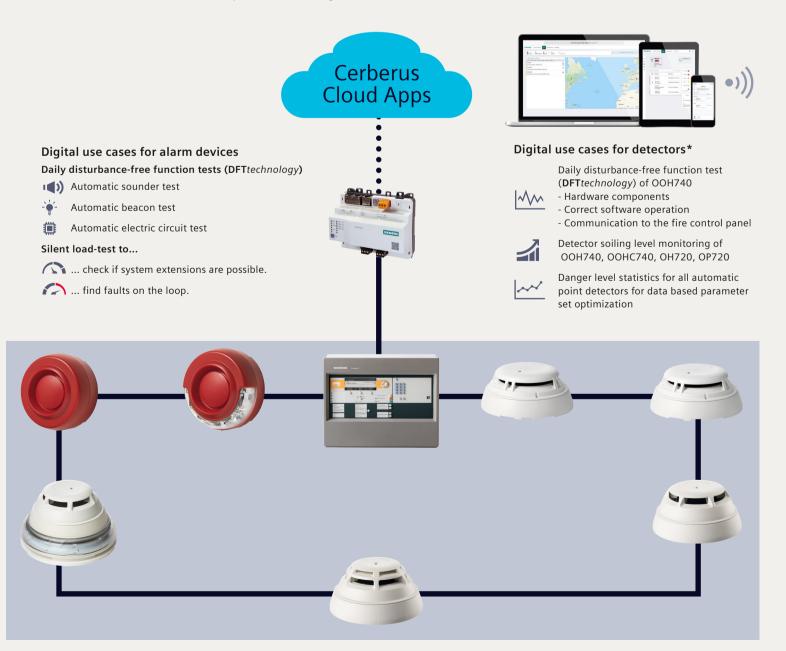
Highlights for alarming

In the event of a fire it is essential to alert and evacuate people as fast as possible. A wide product portfolio range offers alarm devices for acoustic and optical alarming. All devices are loop powered and constantly monitored.

Sounder								
■())	The acoustic perception – Certified for acoustic	on is outstanding because all c alarming according EN 54-3 vels are selectable (minimum	3 / medium / maximum)	ad range of tone patt	terns.			
Voice								
voice	The devices with voice	a massages are able to play a	precise voice instruction for different	events in the buildin	a			
Alarm	With help of a voice m – Certified for acousti	nessage, the evacuation proce c alarming according EN 54-3	ess is faster and the building occupant 3.					
	A voice message can l Tone	pe emitted in one or two lang Voice message	guages with an attention tone: Voice message (optional)					
	<	>	<	>				
		Language 1	Language 2					
		rated, 2 customizable)	Message categories (5 predefined	, 2 customizable)	Customer-specific voice message			
	– English – German	– Finish – Danish	– EVAC FIRE – EVAC EMERGENCY		1. Order the service			
	– French	– Polish	– ALERT		"Conversion of voice message FDSS227" to			
	– Italian	– Portuguese – Turkish	– TEST – ALL-CLEAR		create a customer-			
	– Spanisch – English UK	– Russian	– ALL-CLEAR – Custom message 1		specific audio library			
	– Dutch	– Custom language 1	– Custom message 2		2. Order customer-specific			
	– Sweden – Norwegian	– Custom language 2			devices (C) with custom audio library ID			
	Example for Voice m – EVAC FIRE – EVAC EMERGENCY – ALERT – TEST – ALL-CLEAR	Attention please, this is a f Attention please, this is an Attention, an incident has This is a test message, no a	ire alarm! Please leave the building im emergency. Please leave the building been reported in the building, please action is required. The building alert has been resolved.	by the marked availa await further instruc	able exits.			
Beacon								
Ĕ	optical signal with a h according to the room – Certified for optical	igh flash intensity and a very size. alarming according EN 54-23	cal signal – speeds up the alert and even short pulse length. The device has mu optical indication) designed for syster	ultiple options for bri	ghtness which can be adjusted			
	Wall devices		Ceiling devices					
	Y	y Coverage volume		x	Coverage volume			
	Cat	egory W – wall mounting		Category C – ceiling m	ounting			
	• White LED	Red LED	• White LED	Red LED				
	High: W-3.2-10	High: W-2.8-8.8	High: 0-4-15	High: C-				
	Mid: W-2.4-7.5	Mid: W-2.4-7.5	Mid: C-3-12					
	Low: 0-2-6.2	Low: 0-2-6.2	Low: 0-2.5-6	6.5 Low: O-	2.5-0.5			
	O = Open category: Wall mounted, cu	bic coverage as category W		O = Open category: Ceiling mounted, cylindrical coverage as category C				

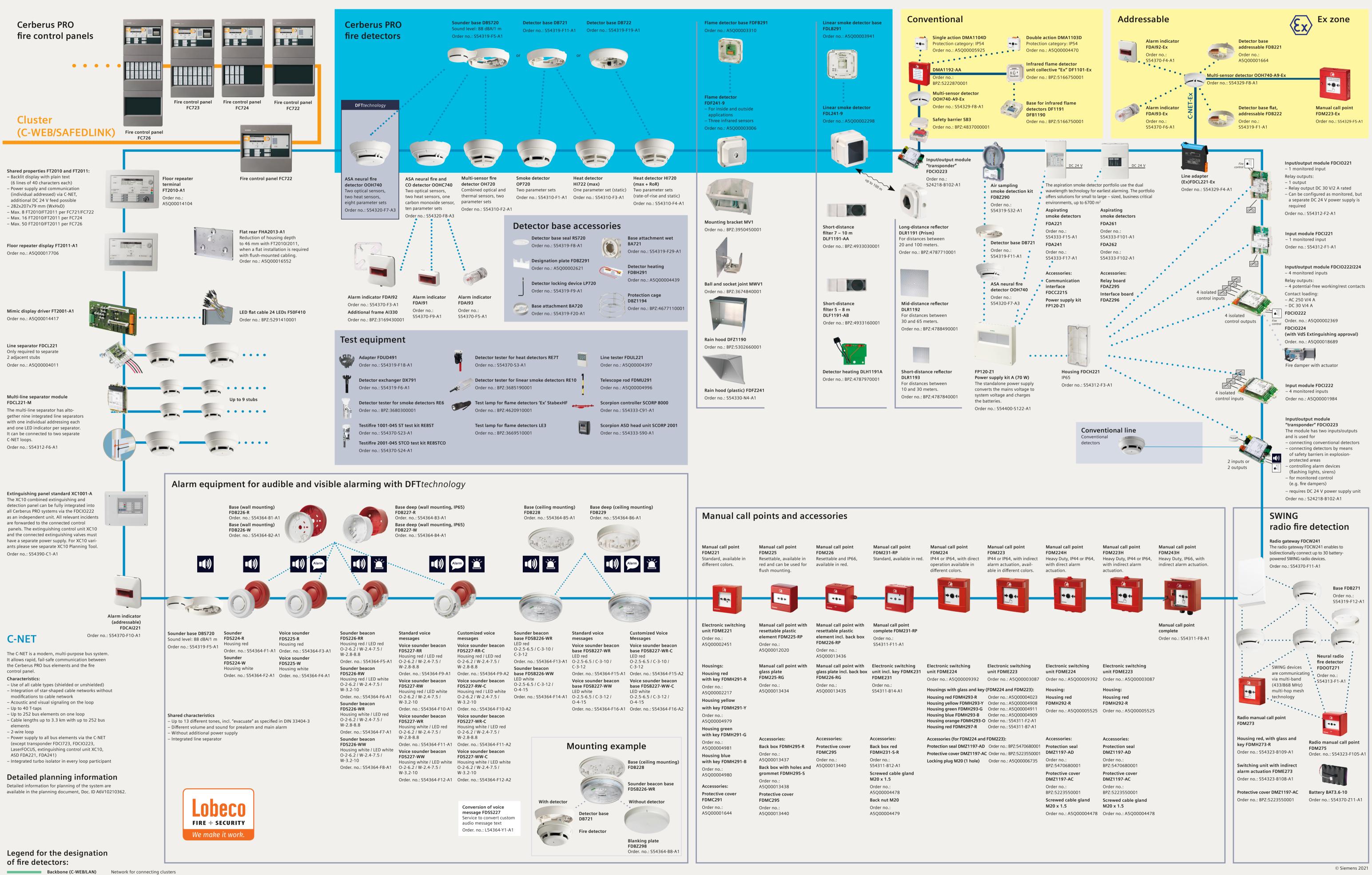
Detectors and alarm devices with digital features

Remotely monitor fire systems with Cerberus Cloud Apps. Our alarm devices and detectors conduct 24/7 disturbance-free function tests (**DFT***technology*) without disturbing building occupants and without compromising the uptime of the system. Additionally, detector soiling level and danger level statistics are extracted to enable smart decision making and recommend actions to optimize the system.



*check availability with your local Siemens representative

Cerberus PRO Planing Tool C-NET devices



Cluster (C-WEB/SAFEDLINK) Network for connecting panels C-NET C-NET-Ex

Network for connecting Cerberus PRO addressable devices Network for connecting Cerberus PRO addressable Ex devices

