



**OneDC**

Your infrastructure, our responsibility

The integrated, secure and scalable solution for your business

# A single system. Everything under control.

**Medielettra OneDC** is a comprehensive, pre-configured or customised solution that integrates IT infrastructure, power supply, cooling and security into a single compact, reliable, ready-to-use and transportable unit. Ideal for businesses seeking business continuity, ease of management and maximum data protection.

## Key features



### Integrated infrastructure

Racks, UPS systems, cooling systems, cabling and monitoring in a single solution.



### Superior reliability

Designed in accordance with Uptime Standards and TIA-942 to ensure service continuity and minimise the risk of downtime.



### Energy efficiency

Optimised consumption and reduced operating costs.



### Advanced security

Access control, environmental monitoring and physical infrastructure security.

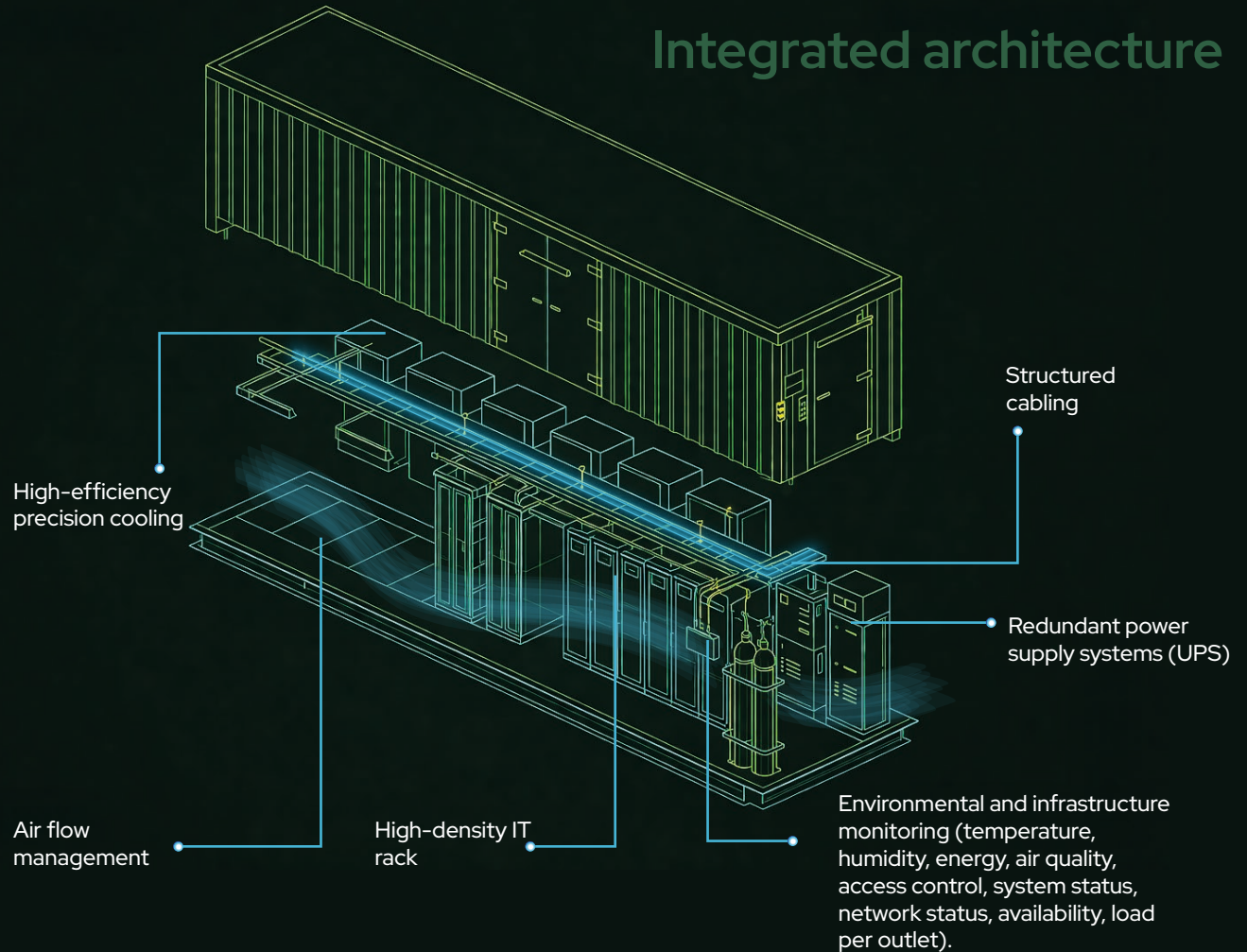


### Scalability

Grows alongside your business with customisable configurations.

# A comprehensive architecture created to ensure **business continuity**

Medielettra OneDC is an all-in-one data centre solution designed to ensure high standards of reliability, redundancy, security and energy efficiency. A modular infrastructure comprising transportable, pre-configured ISO containers that integrates all critical subsystems into a single environment, monitored and controlled 24 hours a day.





Designed for uninterrupted operation of all critical services



Reduction of single points of failure



Access control and physical infrastructure security



Centralised monitoring for proactive action

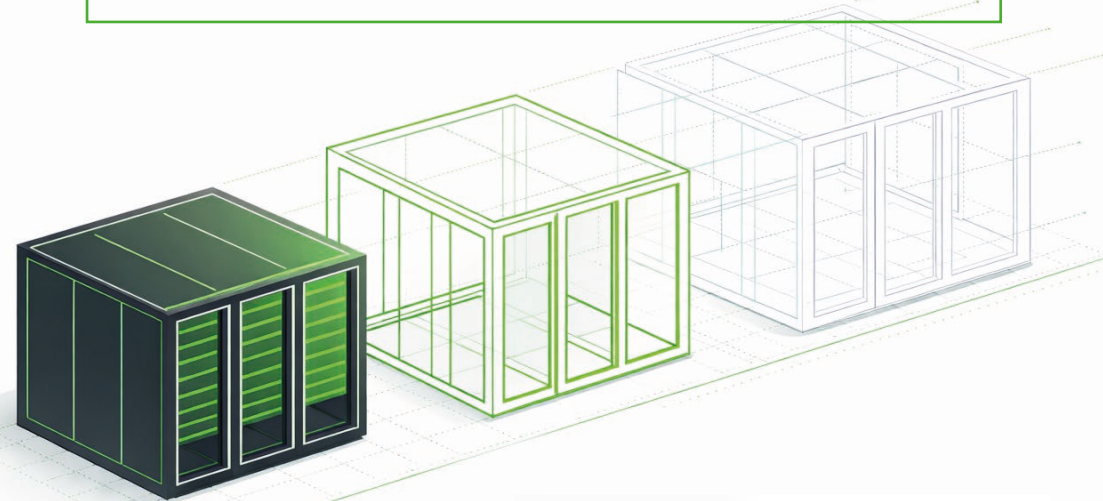
# Efficiency and scalability

Optimised energy consumption

Quick installation and simplified commissioning

Reduced TCO (Total Cost of Ownership)

Modular, scalable architecture that adapts to the growth of IT workloads



# Reliability and security



# The benefits for your business



- ✓ Reduced implementation time
- ✓ Lower operating and maintenance costs
- ✓ Greater control and visibility of IT infrastructure
- ✓ A turnkey solution developed and supported by Medielettra

# Ideal applications and uses



## SMEs and regional branches

Remote branches and production facilities



## Industry and automation

Industrial and mission-critical environments



## Healthcare and public sector

IT infrastructure for healthcare and public administration



## Retail, logistics and services

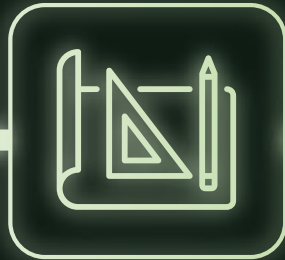
Edge data centres and state-of-the-art IT rooms

Medielettra OneDC is the ideal solution for businesses that need a modular, transportable, reliable, efficient and climate-controlled data centre, designed in accordance with advanced engineering standards.

# Medielettra

your partner for reliable IT infrastructure

From design and installation right through to after-sales support, Medielettra supports you in creating a modern, secure and high-performance data centre.



**DESIGN**



**INSTALLATION**



**AFTER-SALES  
SERVICE**

	ISO 20ft All In One		ISO 40ft All In One	
Size e Type	<b>OneDC</b> S 4 rack 30 kW	<b>OneDC</b> SX 4 rack 45 kW HP	<b>OneDC</b> XL 11 rack 90 kW HP	<b>OneDC</b> XL/2N 8 rack 60 kW
Internal dimension	L5867-W2200-H2571	L5867-W2200-H2572	L11852-W2200-H2573	L11852-W2200-H2574
Standard Type	ISO 20ft 1CCC	ISO 20ft 1CCC	ISO 40ft 1AAA	ISO 40ft 1AAA
Cold asile	700 up to 1000mm with traslation rack		700 up to 1000mm with traslation rack	
Hot asile	400 up to 700mm with traslation rack		400 up to 700mm with traslation rack	
Transport Type	Standard (Not exceptional)	Standard (Not exceptional)	Standard (Not exceptional)	Standard (Not exceptional)
<b>Power</b>				
Input/ output voltage	400V AC, 50 Hz, 3 Phase - 230V	400V AC, 50 Hz, 3 Phase - 230V	400V AC, 3 Phase, 50 Hz - 230V	400V AC, 3 Phase, 50 Hz - 230V
Total IT Load	29,6 kW (7,4 kW x Rack)	45 kW (11,2 kW x Rack)		
Rack distribution	1 rPDU x Rack-0Unit - Metered switched x Outlet - 21 C14/15/19/21	2 rPDU x Rack-0Unit - Metered switched x Outlet - 21 C14/15/19/21	2 rPDU x Rack-0Unit - Metered switched x Outlet - 21 C14/15/19/21	2 rPDU x Rack-0Unit - Metered switched x Outlet - 21 C14/15/19/21
UPS	1 module 50kW + 1 module 50kW bk hotswappable	1 module 50kW + 1 module 50kW bk hotswappable	2 modules 50kW + 1 module 50kW bk hotswappable	2x2 modules 50kW + 1x2 module 50kW bk hotswappable
Battery type	LiFePO4		LiFePO4	
Battery capacity	78 kWh		156 kWh	312 kWh
Redundancy	<b>N+1</b>	<b>N+1</b>	<b>N+1</b>	<b>2 N</b>
Autonomy at nominal load	2,5 h	1,5 h	1,5 h	4 h
PUE	1,35	1,3	1,35	1,3
<b>Cooling</b>				
Type	3 Monoblock backpack cooling unit		6 Monoblock backpack cooling unit	
Sensible thermal power	3 x 15 kWt	3 x 15 kWt	6 x 15 kWt	6 x 15 kWt
Refrigerant gas	R407C 3,55 kg x 3	R407C 3,55 kg x 3	R407C 3,55 kg x 6	R407C 3,55 kg x 6
Efficiency	Free Cooling	Free Cooling	Free Cooling	Free Cooling
Redundancy	<b>N+1</b>	<b>N</b>	<b>N</b>	<b>2 N</b> (with TrasferPack x 2 unit)
<b>Safety</b>				
Air monitoring	CO - Smoke - Temperature- %OX		CO - Smoke - Temperature- %OX	
Battery monitoring	OFF Gassing		OFF Gassing	
Fire suppression	IG-541 1x 33,1Kg		IG-541 2 x 33,1 Kg	
People monitoring	People presence detection		People presence detection	
Emergency exits	1		2	
Lighting	500lux vertical rack plane - 200lux work surface - 20lux emergency light		500lux vertical rack plane - 200lux work surface - 20lux emergency light	
Air exchange system	VMC		VMC	
<b>Monitoring end Communication</b>				
Autetication to remote access	Radius		Radius	
Communication	SNMP - WebService - BacNet - ModBus		SNMP - WebService - BacNet - ModBus	
BMS	Automation Server		Automation Server	
Local control	HMI touch 10.1"		HMI touch 10.1"	
Remote control	Web Station		Web Station	

Ready-made solutions

Every client is unique. This is why we develop bespoke solutions, tailored step-by-step to your needs

# Medielettra OneDC

The right technology,  
wherever you choose,  
whenever you choose



Discover more



[www.medielettra.it](http://www.medielettra.it)






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Scan the QR code or click on the language to open the brochure



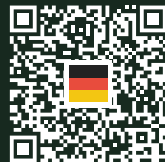
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