

FOR FORWARD THINKERS.
MODULAR DATA CENTRES
FROM CDC.



CADOLTO DATACENTER



WE ARE WRITING THE NEXT CHAPTER IN THE SUCCESS STORY OF MODULAR DATA CENTRES.

Providing our customers with the ultimate data centre solutions, and making them so energy-efficient that they pay for themselves. That is what Cadolto Datacenter GmbH is all about.

We embody 25 years of co-location expertise and 130 years' experience as the market leader in modular high-tech buildings. All of which we translate into **all-in-one data centre solutions**. With an ideal floor plan, aesthetically pleasing look and the highest possible energy efficiency. Our modular data centres are supplied IT-ready in record time and can be expanded as you grow. In collaboration with leading manufacturers of the most advanced and efficient cooling systems, we deliver **a turnkey future-oriented solution** for your new data centre.

Secure, redundant, exceptionally energy-efficient and immediately available for rental (opex model).

At any scale, with an attractive design and optimum handling. Benchmark.

THE VOLUME OF DATA IS GROWING. GROW WITH IT.

WITH DATA CENTRES FROM CDC.

Is it possible to plan IT ten years ahead?

Can you know today how digital services will affect your needs in the future?

Well, no, not really.

But why should you have to? IT is dynamic.

Because data volumes are growing. Digital services are being created.

And the demands on your IT are growing too. All the time.

So it's a relief to know that our fully prefabricated data centres can be designed and built in record time.

And even better than that, they can grow with you, while you carry on working.

The future of your IT starts with the right decision.

A decision to reject all the disadvantages of conventional construction, concrete and containers.

A decision to adopt modular construction.

Together with the manufacturers of the latest and most efficient components and cooling systems, we offer the solution you need for your new data centre.





OUR BIGGEST CONSTRUCTION SITE:

REVOLUTIONISING THE CONSTRUCTION
OF TOMORROW.

You heard right. Noise, dust, emissions, bad weather, delays, inefficiency – all yesterday’s concerns. It’s strange that building projects are still like this.

The future is not yet here. But our dreams and visions are in the present. And the space for them, too. We enjoy building, our way. And we’ve been doing it since 1890. With modular construction. And as the market leader in modular data centre construction. And if everything changes tomorrow, we can just take it down again and move it somewhere else – that goes for your data centre too.

Because “tomorrow” is what we make of it together: a modular construction modular building: a building that’s ready before it’s even been assembled. Forward-looking. Customised. Exclusive.

CDC achieves the highest level of industrial building prefabrication in the world. We create up to 100% of our buildings in our factory. Safe from the weather, subject to constant quality control, on schedule and on budget.

THE WORLD IS BECOMING MORE DIGITAL.

WE'RE GIVING IT SPACE.

Dynamic demands for data centres require dynamic solutions.

With innovative modular technology, we can build state-of-the-art data centres remarkably fast. Optimised for high availability and energy efficiency. With an enormous savings potential in terms of construction time, operating costs and investment. And maximum potential to impress in terms of design, functionality and features.

And if your requirements keep growing, grow with them. CDC data centres can be extended while you carry on working without any interruption or downtime – because data never sleeps.

Our solutions are tailored to your specific IT requirements. Down to the last detail. Use our standardised CDC microprime or Cadolto Microspace modules. Or set your own standard and take advantage of CDC Space to create your own, individual all-in-one solution – supplied with a lead time of as little as 4 months if not available from stock.

Secure. Aesthetically pleasing. And highly efficient: the low overall energy consumption and a PUE ratio of between 1.05 and 1.3* impress price-conscious clients, while the highly efficient air conditioning is the perfect solution for cool computers and cool heads. CDC data centres are delivered as turnkey and IT-ready solutions.



CDC MICROPRIME.

SCALABLE PREMIUM SYSTEM CONTAINER.

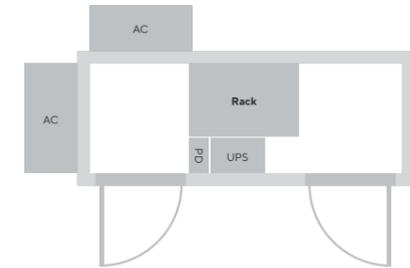
The scalable, standardised CDC microprime data centre is the most functional product available on the market for infrastructure expansion. Potential uses include a data centre for an SME, mobile communications, 5G, internet, fibre optic cables, etc.

With an output of 8 to 45 kW per system container, the centre can be extended while you carry on working, with the addition of 4 or 6 racks at a time. Using the best components, chosen by you, with a proven track record.

- Three optimised standalone modules with 1, 2 or 4 racks.
- Flexible scalability and option of expanding while you carry on working, with the **mp-flex** modular system: Start, central and end modules combined to create your individual data centre.
- Best data centre components: Over 20 years of experience in the field of co-location – we only install products that have a proven track record in daily operation. For details, see the equipment list.
- Instant payback: Thanks to its high energy efficiency, CDC MICROPRIME starts paying for itself immediately.
- No investment required: With CDC CAPEX, we, not you, invest in your data centre. You rent the data centre and start benefiting from its high energy efficiency as soon as it is delivered.
- In stock: Delivery within 72 hours of ordering. Special requests and installations are also possible at short notice.

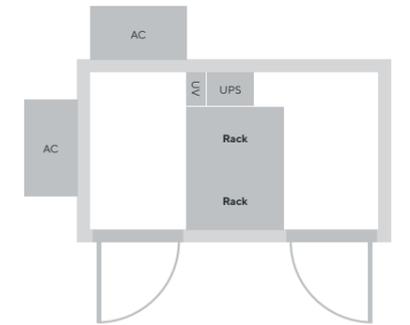


STAND-ALONE MODELS



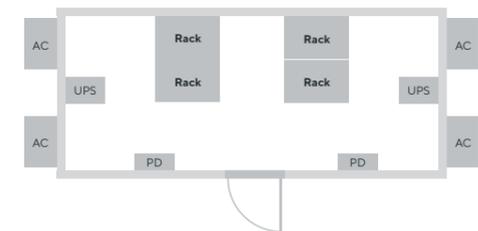
mp1

Container with one rack*



mp2

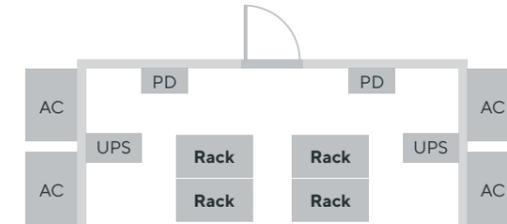
Container with two racks*



mp4

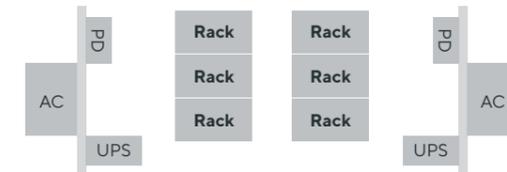
Container with four racks

MP-FLEX - THE "MODULE"



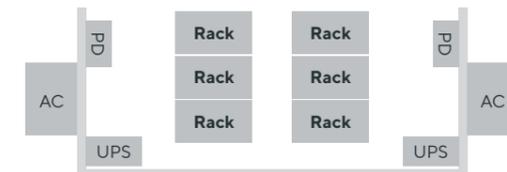
mp4-A

Start and entry module



mp4-M

Central module for flexible scalability.



mp4-E

End module to complete container configuration.



mp4-D

Cover module in case of subsequent expansion.



mp4



mp4-A+E



mp4-A+M+E



mp4-M+E

CDC MICROPRIME – THE KEY FIGURES AT A GLANCE

<1,2

Total PUE
Well below 1.2



Aisle width of up to 1.2m for optimum handling



Rack depth
Approx. 1.2 m



Clear room height:
Up to 3.45 m



Buildings and supply infrastructure that can be extended during live operation



Floor load capacity
up to 1.5 t per square metre

n+1

Power supply and air conditioning, redundancy classes N, N+1 or 2N



Installation based on EN 50600, TÜV certification possible

1,5k

Rent starting at €1,500 pcm*

*Valid for CDC microprime with standard equipment, 60-month rental period, no down payment, CDC standard rental contract, one-off costs for transport, dismantling, extra costs for crane hire, after implementation



CDC MICROSPACE.

STANDARDISED.
YET ANYTHING BUT STANDARD.

Is it possible to reliably plan a company's data centre capacity? Sometimes it seems simply impossible. Times change so fast that no plan can keep up.

That's when it's time to tear down the walls in people's heads. And to build module by module instead of brick by brick.

With Cadolto Microspace. Your new data centre for 6, 12, 18 or 24 racks can be assembled in record time. Completely ready to use within just four months of ordering.

Rarely has a standard product set so many new standards: Total PUE ratio of significantly below 1.3. Buildings and supply infrastructure that can be extended during running operation. Rack depth 120 cm. Clear room height of up to 345 cm and aisle widths of up to 120 cm for even more flexibility at the workstations – with an impressive floor load capacity of up to 1.5 tonnes per square metre.

Power supply and air conditioning available in redundancy classes N, N+1 or 2N. Certified to TÜV and EN 50600? No problem. Up to 90% of Cadolto Microspace solutions is prefabricated in our factory.

Let other people worry about conventional construction. You're building the future. With CDC.



- High-efficiency air conditioning
- UPS units
- Electric systems
- Ladder rack cable support systems
- Racks with enclosure
- Emergency power systems
- Fire alarm system with multi-sensors
- Early fire detection/extinguishing systems
- Walls to F90
- External safety walls to RC4
- Plus much more



CDC SPACE.

AS DYNAMIC AS YOUR IT.

Extensive planning, long-term construction site? Not with us.

With CDC Space, find the perfect space for your ideas. Spell-binding. Customised. With best-in-class components and the fastest availability possible.

It's difficult to predict what will happen in the digital age. But we can predict our delivery times. They definitely won't change! And should your needs change in the future, you can extend your new data centre at any time, simply by adding more modules. You can also add new infrastructure components – without needing to shut anything down.

Since we all have different dreams and aspirations, we simply focus on one thing: your individual requirements. Do you want to get things moving with your IT? Then stay on the move yourself. With CDC Space.

Nobody else has realised more modular data centre projects than us. And we will work with you to keep it that way.

- Your individual data centre
- Modular buildings and supply infrastructure that can be extended during running operation
- Power density of up to 20 kW per rack
- Also available to rent – with CDC CAPEX
- An overall solution from a single source



Reference: Mannheim

CDC CAPEX.

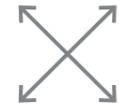
YOUR DATA CENTRE TO RENT.

We invest in your energy-efficient data centre of the future: get started today with CDC CAPEX and enjoy all the advantages of our high-end data centres by tomorrow. Thanks to our rental model, you don't even have to invest. We take care of it.

For us CAPEX, for you unrivalled OPEX costs: tell us your parameters and we will tell you how much you can save by combining our rental model and energy efficiency. We think you will be pleasantly surprised.



Simply rent what you need
At excellent rates*



Maximum flexibility with
no capital commitment



Minimum energy costs
with maximum energy efficiency



If necessary extendible during
ongoing operation



No dismantling/
recovery risk - ideal
temporary or long-term solution



Reference: Calw



OUR CONTRIBUTION TO A BETTER CLIMATE

Cadolto Datacenter is committed to sustainability. Sustainable values can only be created when economic success, ecological compatibility and social benefit are combined with one another.

- Did you know that the energy consumed by every Google user from just their monthly searches could power a 60 W light bulb for three hours?
- **Take advantage of huge savings in your operating costs:**
All of the components installed by CDC create a system that consumes as little energy as possible. This doesn't just protect the environment.
- **If you're thinking about the future you have to cool differently:**
As alternative equipment options, we offer either indirect free adiabatic cooling or direct free outdoor cooling. We can advise you on the right option for your data centre.
- The systems we install are always state-of-the-art, with outstanding energy efficiency. Depending on the user-specific loads and your other data centre components, they enable a pPUE ratio that is generally below 1.05*.

*Dependent on operating parameters



Climate-neutral data centres:

So far, we are the only providers to offer this. Here, too, Cadolto Datacenter GmbH is taking responsibility for the environment and acting out of conviction. Our company is one of the first in our industry to offer climate-neutral data centres. We voluntarily offset our emissions via the Development Mechanism.

TOMORROW IS NOT YET HERE.

BUT YOUR PLANS MIGHT BE?
AND IF THEY ARE, WE NEED TO TALK
ABOUT THEM NOW.

Who actually decides what tomorrow's world will look like?
Who chooses how we live and work? Is it the politicians? Scientists?
Artists? Actually, it's the people with ideas. The go-getters,
the trend-setters, and the trailblazers. People like you and us.

We look forward to hearing from you.



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