



n17 | SOLUTIONS

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Data Centre IV – Provided by 1&1 Internet

Reliability

1&1 Internet guarantees 99.9% uptime, and are confident in this guarantee because at 1&1, even fail-safes have fail-safes. Backup generators, multiple hard drives, dual routers, cooling systems and gel battery power banks give 1&1 real redundancy so the fleet of 40,000 high-end servers will continue to operate regardless of external conditions.

Speed

Industry-leading 40Gbit Connectivity allows for no-nonsense, fast transfers at all times. The result is that more users can access and interact with your website, faster.

Security

24/7 monitoring by Internet specialists, 150+ permanently recording video cameras, safety locks and more ensure that only authorised personnel can enter the Data Centres – your data is always safe and secure. Now you can see just some of the reasons 1&1 is the largest and most advanced web hosting arena in the world. So if you're considering domains, shared hosting, e-commerce or dedicated servers, 1&1 Internet should be your first choice.

Data Centre IV offers room in 11 areas for over 660 racks, which when fully equipped can accommodate more than 30,000 servers.

Infrastructure

Juniper M-series and Cisco GSR 1,2000 routers work in partnership at 1&1 to make a definitive statement in network routing.

Eight high-powered cooling units rated at 5,600 KW and two spiral vortex compressors work alongside bespoke heat exchangers to keep everything cool. Every system is n+1 redundant.

The security airlock ensures that only authorised personnel can enter Data Centre IV. Only one person can pass through the airlock at one time.

In the event the grid is down, five huge 16-cylinder diesel generators supply constant, reliable power for all 1&1 systems. These generators could power a small town when combined.

REST ASSURED IN THE KNOWLEDGE THAT ALL 1&1 SYSTEMS ARE OPTIMISED – ALLOWING YOU TO FOCUS YOUR ATTENTION ON BUSINESS MATTERS.

STRICTLY CONFIDENTIAL

