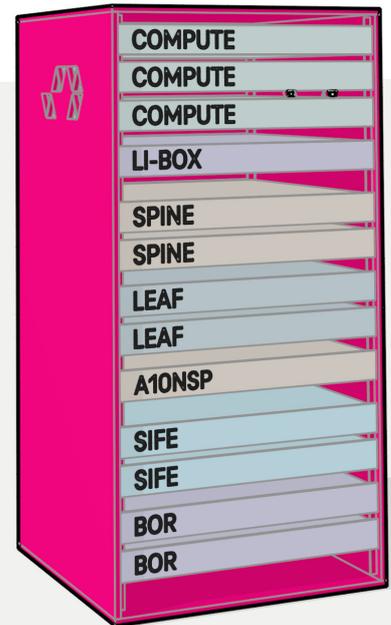


# Access 4.0

Designed for change



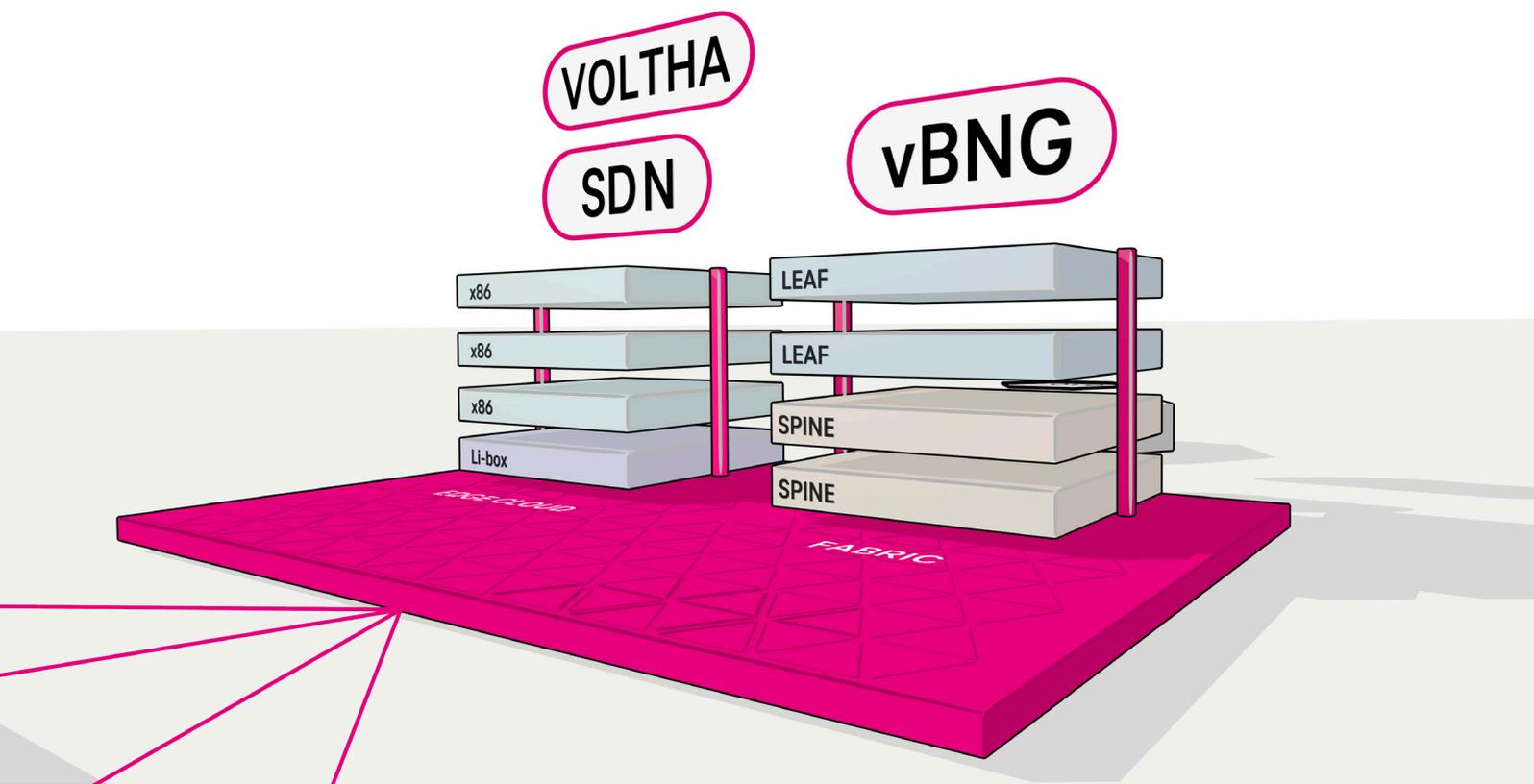
With Access 4.0 (A4) Deutsche Telekom introduces a disaggregated, automated platform for access and service edge as the next-generation German fixed network. A4 has a scalable architecture for both hardware and software and full redundancy on each level. It comes with a software-defined network running on a local edge cloud with standard x86 hardware. The virtual BNG resides on a spine-leaf fabric which is made of white-box switches. And even the OLT will be softwarized. Deutsche Telekom and partners are now working on industrialization and preparing for a country-wide rollout in Germany and a world-market approach.

## Key facts

- Disaggregation generally makes Deutsche Telekom flexible, future-ready and even more cost-efficient
- HW/SW separation allows for exchangeability and continuous micro lifecycles
- A4 paves the way for fixed network virtualization and automation
- A4 reduces feature introduction time and increases network viability
- A4 drives network quality and efficiency but also shorter repair times
- A4 has a built-in multi-vendor capability with a growing ecosystem



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The world's first disaggregated broadband Internet access is live with a friendly customer in a production environment. Deutsche Telekom and partners are now working on industrialization and preparing for a country-wide rollout in Germany as well as on the world-market.

As Deutsche Telekom intends to place Access 4.0 as a global release on the world market, it is looking for partners who can complement its ecosystem with the right components – typically hardware or software suppliers in the field of software-defined networking (SDN), broadband network gateway (BNG), optical line termination (OLT), and switches.

But Deutsche Telekom is also looking for partners who want to join its commercial community – typically network operators that want to evolve their networks with the benefits of Access 4.0.

At its booth, Deutsche Telekom is demonstrating a hardware model representing the Access 4.0 point of delivery (POD) typically placed in a central office and is offering details and discussions on the all-over concept supported by animation and presentation material.

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