

# ENX Service Provider Datasheet

## The smart and efficient way to get your ENX connection

ENX is a leading standard for secure and reliable communication in the automotive industry. Developed and governed by ENX Association, its use has been growing constantly since inception in 2000. Today it supports hundreds of applications in critical areas like engineering, finance, logistics and supply chain management. ENX accesses are offered worldwide by leading telecommunication providers, certified by ENX Association. This data sheet is designed to give you a quick overview on one of them, EWE TEL (formerly Business Communication Company with its brand "icyteas").



The optimum alignment of business processes and IT requires highly dynamic IT landscapes. For EWE TEL, this involves maximum speed and flexibility as well as individual commitment to our customer's needs. By personally addressing the exact challenges faced by our customers today, our most important objective is to offer the highest quality in all products of our managed services portfolio. Our solutions are highly secure and, quite simply, good, and this is reflected in our recertification according to ISO 9001 and 27001. We achieved ENX certification in record time and are one of only nine providers worldwide to offer highly encrypted communication channels in the ENX network.

Particularly the automotive sector is dependent on excellent IT solutions. Complex processes demand a great deal of IT, which means that the best solutions are often beyond the norm. Our experienced technology experts and consultants know exactly when it is necessary to intelligently complement standard solutions with highly innovative products and still develop a cost-effective communication solution.

EWE TEL presents its automotive customers with an ENX access in combination with managed services from the cable to the cloud: customer-oriented, economical, technically sophisticated and, above all,

fast. With our site near Germany's biggest automotive centers, we have not only externally focused on the automotive segment but also offer unparalleled and particularly personal local service.

ENX connections powered by EWE guarantee a secure exchange of critical data for the European automobile industry. We offer ENX network access as a complete package with the accompanying IT security, the basis of which is formed by our own high performance backbone.

True to the motto "stagnation is regression", we pursue ambitious goals: EWE services are available not only in Germany. Besides direct connections to our German backbone, we also offer implementing ENX over Internet access for all customers who prefer to use the ENX managed security service over an existing Internet connection, with international availability. Hereby, the excellence of the security remains exceptionally high. We also operate managed services projects reaching into Asia, North and South America and Europe.



### Automotive Competence

A reliable IT infrastructure nowadays needs to be one thing in particular: be available at all times. Without this prerequisite, even the best technologies and the most optimised processes will be of no use. Our first class team with proven expertise realises an extensive and excellent managed services portfolio – to enable our customers to be even more flexible and dynamic.

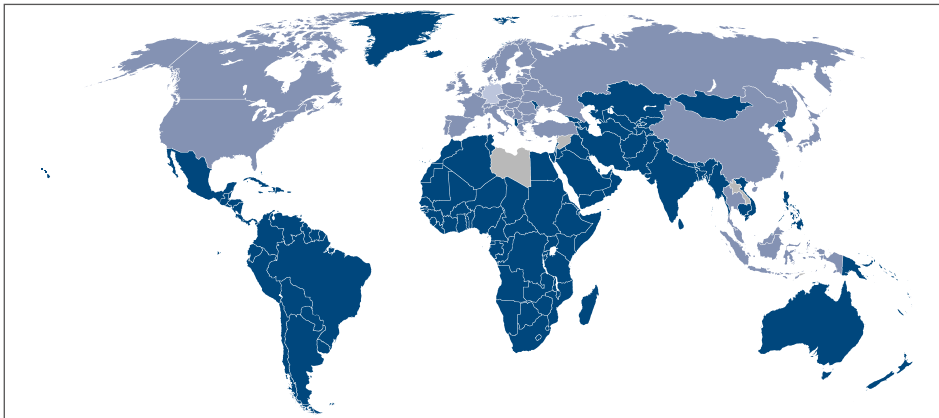
*"The focus of SSC's activity lies primarily on the collaboration between OEMs and their development partners and suppliers. SSC offers consulting, products and provision of services for a successful cooperation. We are experts in data exchange on any integration level and we are operating data exchange systems and supplier portals worldwide for Daimler AG and many other customers in different industries. We are able to provide and support secure and reliable data exchange with our own data exchange tool SWAN.*

*We have selected EWE TEL for our ENX services because they meet our business needs and we can improve our daily business with the ENX solution of EWE TEL. They provide a truly excellent service with their EWE offerings."*

Team SWAN IT Operations  
SSC-Service GmbH



## Coverage Map



- EWE ENX over Internet
- EWE ENX over Dedicated or Shared Lines and ENX over Internet



## Specifications

- Access** **Dedicated:** ENX is available as a service on top all of our dedicated MPLS access technologies.<sup>1</sup>
- Options** **Shared:** Existing EWE MPLS lines can have part of their bandwidth dedicated to ENX service. A separate ENX termination router is required.<sup>1</sup>
- ENX over Internet:** Any kind of Internet connection can be used.<sup>2</sup>
- Bandwidth** **Dedicated:** 2 Mbps through 100 Mbps<sup>3</sup>
- Options** **Shared:** Any fraction of the total bandwidth of the underlying shared link
- ENX over Internet:** 1 Mbps, 2 Mbps, 4 Mbps, 6 Mbps, 8 Mbps, 10 Mbps<sup>3,4</sup>
- Service** **Compact:** 7x24 h service, 2 h initial response time, 5x12 h fault management, 24 h time to repair
- Options** **Comfort:** 7x24 h service, 1 h initial response time, 7x24 h fault management, 8 h time to repair
- 5x8xNBD:** 5x8 h service, 2 h initial response time, next business day hardware replacement
- 5x8x4:** 5x8 h service, 2 h initial response time, 4 h hardware replacement
- 7x24x4:** 7x24 h service, 1 h initial response time, 4 h hardware replacement
- 7x24x2:** 7x24 h service, 1 h initial response time, 2 h hardware replacement<sup>1</sup>
- Additional Services** **QoS:** On fixed line MPLS links (inside EWE Net), certain parts of ENX bandwidth can be dedicated to particular tunnels or types of traffic.
- UMTS Backup:** For ENX over Internet, routers with backup Internet connectivity over UMTS using a customer-provided SIM card are available.

<sup>1</sup> Availability may vary by country or region. <sup>2</sup> On EWE Internet connections, SLAs for ENX connectivity are available as an option. <sup>3</sup> Other bandwidths available on request. <sup>4</sup> Actual usable bandwidth may be less depending on underlying Internet connection.

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## Why use ENX?

ENX is a Managed Security Service for secure and reliable communication, designed to reduce complexity and cost of cross-company data exchange. Every ENX access from any ENX Certified Service Provider offers indispensable features – independent of type, capacity, cost or SLA.

- Hardware-based end-to-end data encryption
- Certificate-based authentication for reliability of partner identification
- Well-defined provider interaction for defined responsibility in end-to-end troubleshooting

## Who uses ENX?

ENX is used by more than 1.500 companies in 35 countries, among them all major European automobile manufacturers and suppliers as well as many small- and medium-sized companies from the automotive and related industry sectors.

## How to become an ENX user?

1. Register as a member of the ENX community ([www.enx.com/registration](http://www.enx.com/registration))
2. Get the best offer from competing providers ([www.enx.com/provider](http://www.enx.com/provider))
3. Order your connection and inform your partners

## What does ENX cost?

Pricing varies based on location, technology, bandwidth and SLA. Contact our Certified Service Providers to find the best offer.

## How do I get help?

ENX Association is the non-profit governance body of ENX. Contact us for any questions you may have.



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