



CITY SYSTEM 4.0

energy-efficient LED lighting

smart streetlights

comprehensive WIFI network

data transmission

smart metering

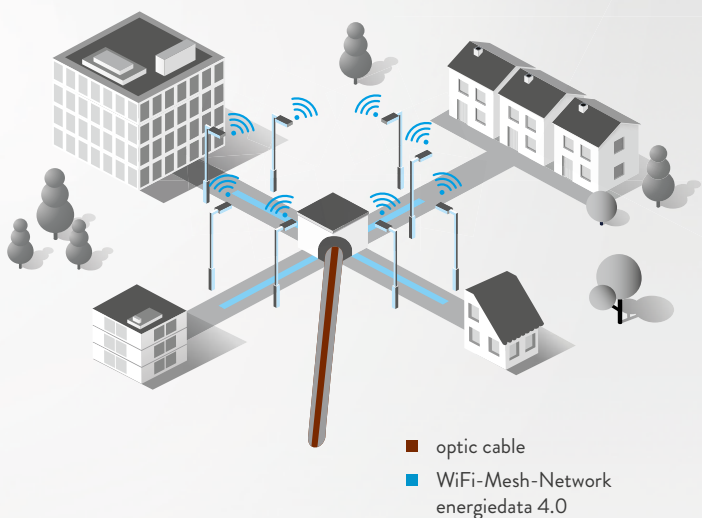


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ENERGIEDATA 4.0 BRINGS THE FUTURE TO TOWN AND RURAL AREA

With City System 4.0, energiedata 4.0 created a pioneering infrastructure solution. By using an Open Access Platform, internet, telecommunication, TV and many other services can be provided. This service is made available by using a high performance WiFi-Mesh-Network at a high bandwidth.

A LAST MILE BRIDGE TECHNOLOGY TO THE BROADBAND ENVIRONMENT.

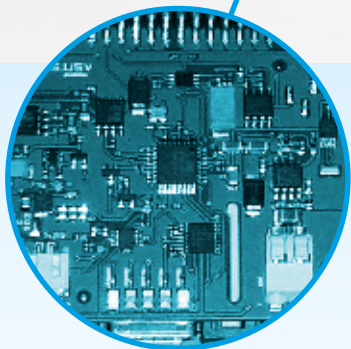
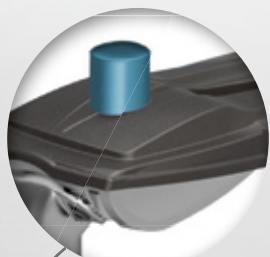


OUR TECHNOLOGY

We developed a communication module (CCM1), which is integrated in the streetlamp and provides various opportunities: WiFi frequency band 2,4/5,0 GHz, 169/868/869 MHz, works as a Hotspot as well as a mesh-network for comprehensive internet coverage for streets, public areas, buildings, stores and vehicles. Energy saving with intelligent light control system and smart meter for central recording of operational, consumption and maintenance data.

Almost invisible antenna

By fitting a socket with integrated antenna at the top of lamp housing.





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The Streetlamp images were provided
by our co-operation partner :

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LED LIGHTING