DKTCOMEGA

Small differences big impact

OPTIMIZE GATEWAY LIFETIME
AND SERVICE FLEXIBILITY

FTTH GATEWAYS

THE MOST FLEXIBLE
FTTH TERMINATION
IN THE INDUSTRY

The DKT Gateway offers great flexibility in a small form factor! The small form factor and its easy installation and modularity, makes our solution the most flexible Gateway with optimized handling/efficiency in the industry.

The solution implies that fiber termination and service activation occur as part of the operator's "demarcation point" to the end-customer. It is built in a way that allows the end-customer to perform the activation when they receive the active device.

The combined solution for FTU and Gateway is formed in an extremely compact form factor, 88 x 88 x 65 mm, and will be regarded by the customer as any other outlet, such as power or telephone.

WHAT
IS **THE**
SECRET?

THE KEY:
A technology, "agnostic" design and possible service activation by the end-user.

CLAIM:
A separation in Layer 1, 2 and 3 improves your business case and freedom to optimize your services, such as WiFi.

WHY?

— Flexibility and scalability in roll-out and upgrades

— Better lifetime/depreciation

— Decreased truck roll/OPEX

— Improved customer satisfaction/churn

— Reduced call center cost and truck roll

The solution will work with 3rd party products, resulting in optimized interoperability and flexibility, better Wi-Fi coverage and better sourcing opportunities.

WHAT IS
A **NEUTRAL FIBER SOLUTION**?

A cost–effective base installation allows for deployment to every household early in the planning phase.

The DKT philosophy is to separate the basic FTU media converter functionality from the Service Boxes, making a neutral simple demarcation point between the in-home network and the operators network.

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DKT's FTUs consist of a neutral base in which fiber can be mounted, connected and terminated. The active gateway is designed as a click-on interface with the possibility for end-user activation.

PRODUCT FEATURE OVERVIEW

DKT has developed a series of gateways with a click-on interface suitable for Gigabit point-to-point.

Our solution offers Operating Expense (OPEX) reductions due to:

— Less technician work

— Customer Do-It-yourself (DIY)

— Neutral design and technology agnostic fiber termination

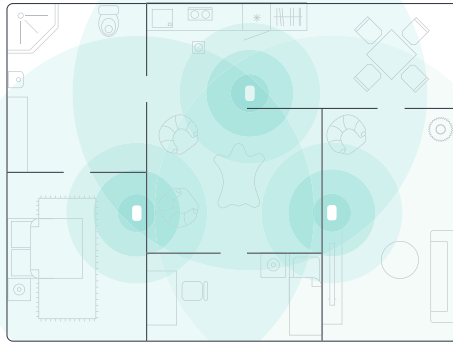— Layer-2 functionality suitable for 2-box solutions

High–level features for the active unit include:

— 100/1000Mbps auto sense fiber WAN

— 1 or 4x 10/100/1000Mbps RJ-45 LAN

— Comprehensive gigabit switch engine with support for VLANs, Q-in-Q, QoS, IGMP, jumbo frames and traffic shaping and manipulation

— CATV-Rx as an option, with high power output, suitable for in-home TV distribution

— 5V external PSU

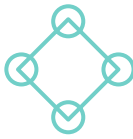# **GOOD WIFI** CREATES **HAPPY** CUSTOMERS AND **MINIMIZES** OPERATOR **CHURN**

You know the problem, frustrated customers and high expenses for support because your customers experience problems with their WiFi connection.

THE **SOLUTION** TO YOUR **CUSTOMERS'** **WIFI** PROBLEMS
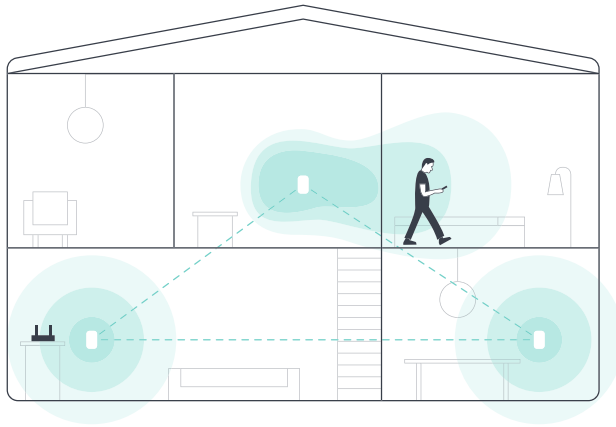
DKT introduces the DKT WAVE2 mesh product range. Our products create a robust and stable wireless network with customer ease of use in mind, using WiFi, MoCA or G.hn as backhaul.

Using its MU-MIMO, SON and Beamforming technology, the access point creates a network that ensures optimal performance of your broadband or fiber connection.

WHY **MESH** TECHNOLOGY IS THE **FUTURE** FOR THE **HOME** NETWORK

A mesh network can be defined as a self-healing, self-forming and self-optimizing network of mesh nodes, where the nodes intercommunicate using smart routing protocols, and select an optimal path to relay the data from one point to another.

The technology creates a stable, robust network that ensures the WiFi network in every corner of the house. Combined with the Wave2 technology, the mesh network ensures that the customer experiences the full speed of the connection provided by the operator.
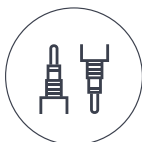
This creates happy customers, and minimizes customer calls and churn.

"As the number of client devices in a home network increases exponentially each year, the focus amongst operators to improve WiFi performance must follow."

- Christian Emborg, CEO DKT A/S

OUR VISION

IMPROVE LIVING STANDARDS VIA BROADBAND
NETWORK PERFORMANCE

COAXIAL DISTRIBUTION
Proven higher performance and more cost
efficient networks!
We can prove > 60% improvement in
service / support, and MER improvement
of > 2dB in network performance

FTTH GATEWAYS
Optimize lifetime and flexibility!

A simple and manageable demarcation point
improves your business case and freedom to
optimize your services, such as WiFi.

HOME NETWORKS
Do not ignore the weakest point in the network!

Let us empower your customers, helping
you own the customer experience and
minimize churn.

DKTCOMEGA

For further information, visit
WWW.DKTHOME.DK/EN

Or read more about our products at:
WWW.DKTCOMEGA.COM