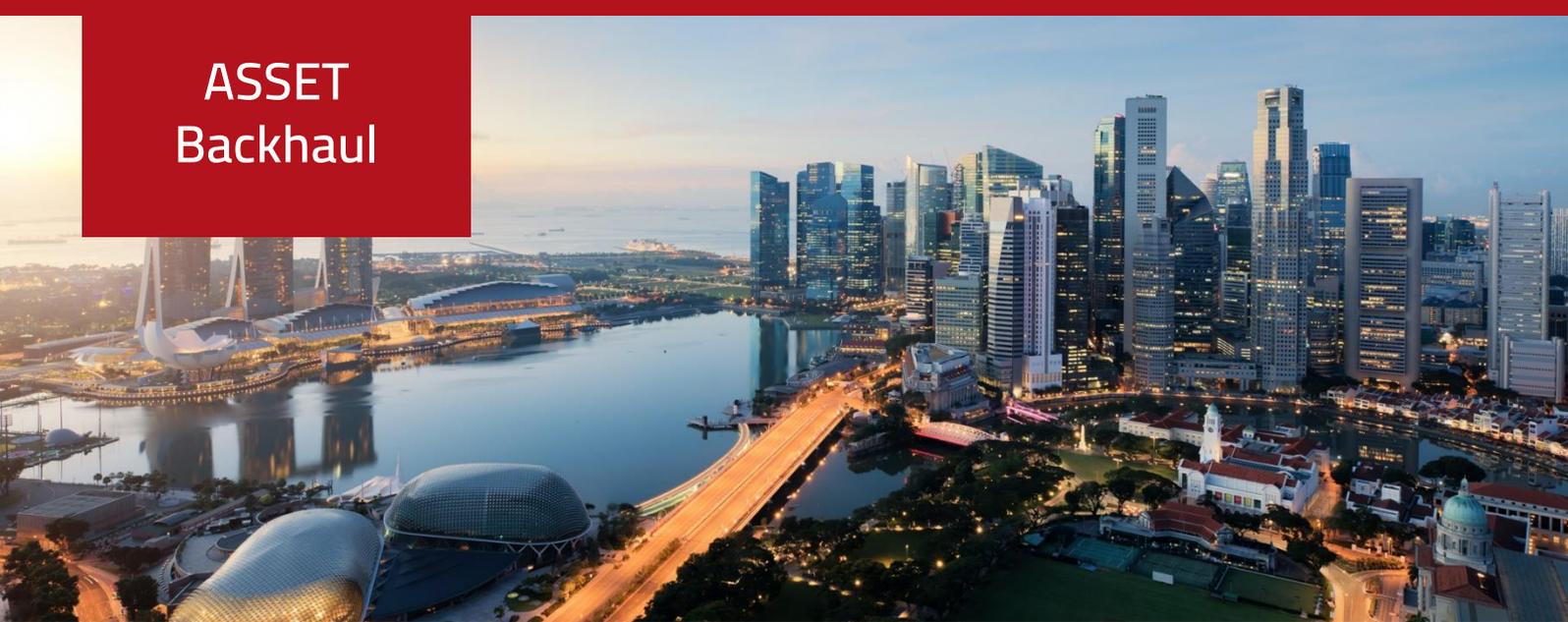




ASSET Backhaul

ASSET Backhaul



ASSET Backhaul is a wireless backhaul network planning tool providing microwave link planning, path profiling, frequency and interference analysis and routing and capacity optimization.

As wireless traffic grows and technology changes, radio network designs need tweaking. This requires carriers to assess and optimize their backhaul designs. For high data capacity technologies such as 5G and LTE, backhaul consumes a significant proportion of a site's overall costs, so creating an optimal backhaul plan can have a positive impact - not just on network performance, but also on CAPEX spend.

Additionally, small cells provide numerous transmission planning challenges due to their high capacity requirements and deployment in dense urban locations. Technologies from copper-to-fiber, and specialized microwave technologies, such as point-to-multi-point links, non-line-of-sight links all need to be assessed to find the best backhaul solution.

"TEOCO is able to offer the kind of large-footprint solutions for assurance and network planning and optimization that CSPs increasingly desire." - Analysys Mason

ASSET Backhaul provides complete backhaul network planning and includes all wireless backhaul technologies, including point-to-multipoint, non-line-of-sight, and micro and millimeter wave radio support. This, coupled with its ability to rank candidate locations based on backhaul requirements, makes it your ideal solution for small cell backhaul planning.



TEOCO is a network engineering tools market leader

For over 5 years, Analysys Mason has ranked TEOCO as a leading vendor of network engineering software tools.

ASSET Backhaul



Backhaul is critical to your network performance

The migration to 5G and LTE presents considerable challenges for operators across their radio, transmission and core networks. Backhaul is now a much higher percentage of a sites costs and is increasingly becoming the bottleneck to meet the expanding data needs of customers. ASSET Backhaul is designed to help you overcome the technical challenges of backhaul network planning and deliver a high performance network while keeping costs in check.



Identify the most suitable wireless backhaul technology

Small cells with their high capacity and typically dense urban deployment locations provide numerous transmission planning challenges. A successful transmission plan requires a number of technologies from microwave to copper to fiber as well as some specialized microwave technologies such as point-to-multi-point links, non-line-of-sight links and microwave and millimetre wave radios. ASSET Backhaul helps you identify the best backhaul option for each site considering both performance and cost.



Deliver the optimal backhaul design

ASSET Backhaul delivers a number of advanced features to help you achieve the best backhaul network. A few highlights include routing and capacity optimization with what-if scenarios, frequency and interference analysis with support for Adaptive Modulation and Coding and path profiling based on the latest ITU recommendations.

ASSET Backhaul



ASSET Backhaul is a part of the TEOCO planning portfolio, a set of tightly integrated products to make the entire planning process as efficient as possible. Other products in the suite include:



ASSET Radio

Radio network planning. Coverage, capacity, cell parameter and neighbor planning for wireless networks.



ASSET Capacity

End-to-end network capacity planning. Network visualization, capacity management and scenario planning.



ASSET Design

Automated network design. Optimization of macro network designs and the addition of new small cell sites.



ASSET Indoor

In-building system design. Design for a seamless user experience in buildings, stadiums, underground transport.



ASSET Update

Planning tool update. Update ASSET with actual network settings and audit the network against a defined baseline.



ASSET Geo

Geolocated traffic and performance maps for more accurate radio network planning and design optimization.

ABOUT TEOCO



TEOCO is a leading provider of analytics, assurance & optimization solutions to over 300 communication service providers (CSPs) and OEMs worldwide.

Our solutions enable the digital transformation of CSPs while enhancing their network QoS, improving their customer experience and reducing their operational costs.

Through advanced analytics and automation, TEOCO solutions provide actionable and measureable insights into network and customer behavior. This includes the optimization, effective monetization, and delivery of new and existing services, such as VoLTE and Video.

Our commitment to network flexibility and agility makes TEOCO the obvious choice for CSPs looking to leverage NFV/SDN and the rise of 5G, and to maximize the revenue potential of new opportunities tied to video and the emerging Internet of Things (IoT).



**Global
Footprint**



**Extensive
Portfolio**



**Proven
Solutions**



“TEOCO’s market leading position in Engineering Systems reflects the success of its extensive network planning and optimization solution set, built by some very cohesive acquisitions and integrated effectively to form a leading portfolio”

- Analysys Mason