



## What is Star Suite?

Star Suite is a uniquely developed platform which provides solutions to internet service providers and mobile operators in the field of infrastructure services. It is a vendor independent, multi technology OSS/BSS solution for end-to-end topology discovery, outage/quality monitoring, inventory management, fault management, planning management, change management, problem management, SLA management, trend analysis, event enrichment, diverse & hybrid services, single and multi-point of failure analyses and many more. Through these services, Star Suite makes network viewable, notifiable with addressing the root cause of the problems on the fly and reportable solutions are offered via its tools.



# Who uses Star Suite?

Star Suite is used throughout the organizational structure. Teams/technical staff/telco engineers/solution partners use it for the following purposes:

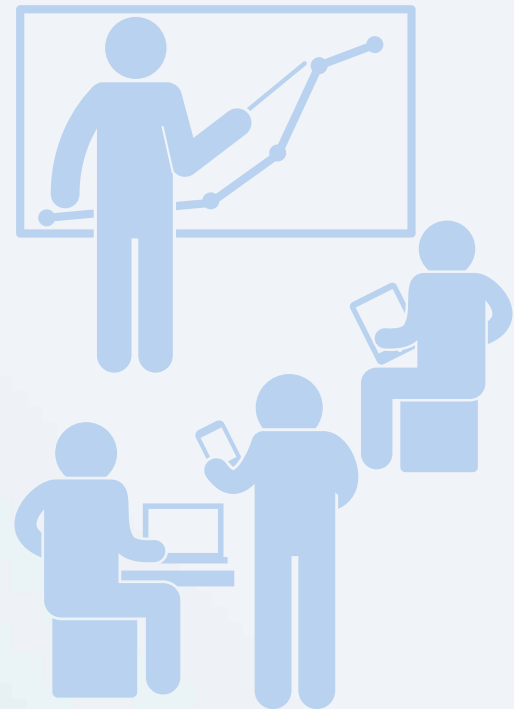


## NOC Teams

NOC teams use Star Suite to determine when there is an abnormality that may cause malfunction or any quality problem in the system with on the fly impact analysis. When a problem arises, NOC teams interfere it or escalate it to the contractors. With the utilization of Star Suite, number of alarms are significantly reduced. It makes possible monitoring the outages continuously on dashboards and reaching the required information with the reports directly. By providing root cause analysis, diagnosis can be found and implemented.

## Operation Teams

Operation teams monitor and examine the topology on extensive screens, dashboards and reports while executing and reconstructing technical operations. Instead of taking actions, planning and maintenance, performing outage analysis on handmade tools; Star Suite gathers all these functions in a platform. Thanks to Star Suite, daily operations can be performed with one click, and engineers can focus on engineering actions more, less time and effort are required. That's why Star Suite minimizes time consuming work and labor force.



## Planning Teams

Source utilization and trail infrastructure planning, making investments in line with target are satisfied with Star Suite. Reports that reduce errors during operations and tools that make possible checking outcome of past investments objectively are beneficial for planning actions. Moreover, durations and assessment of the outage reasons can be followed up along the reports. Thereby, planning actions require less employee and effort; also accuracy is provided.



## Performance Evaluation Teams

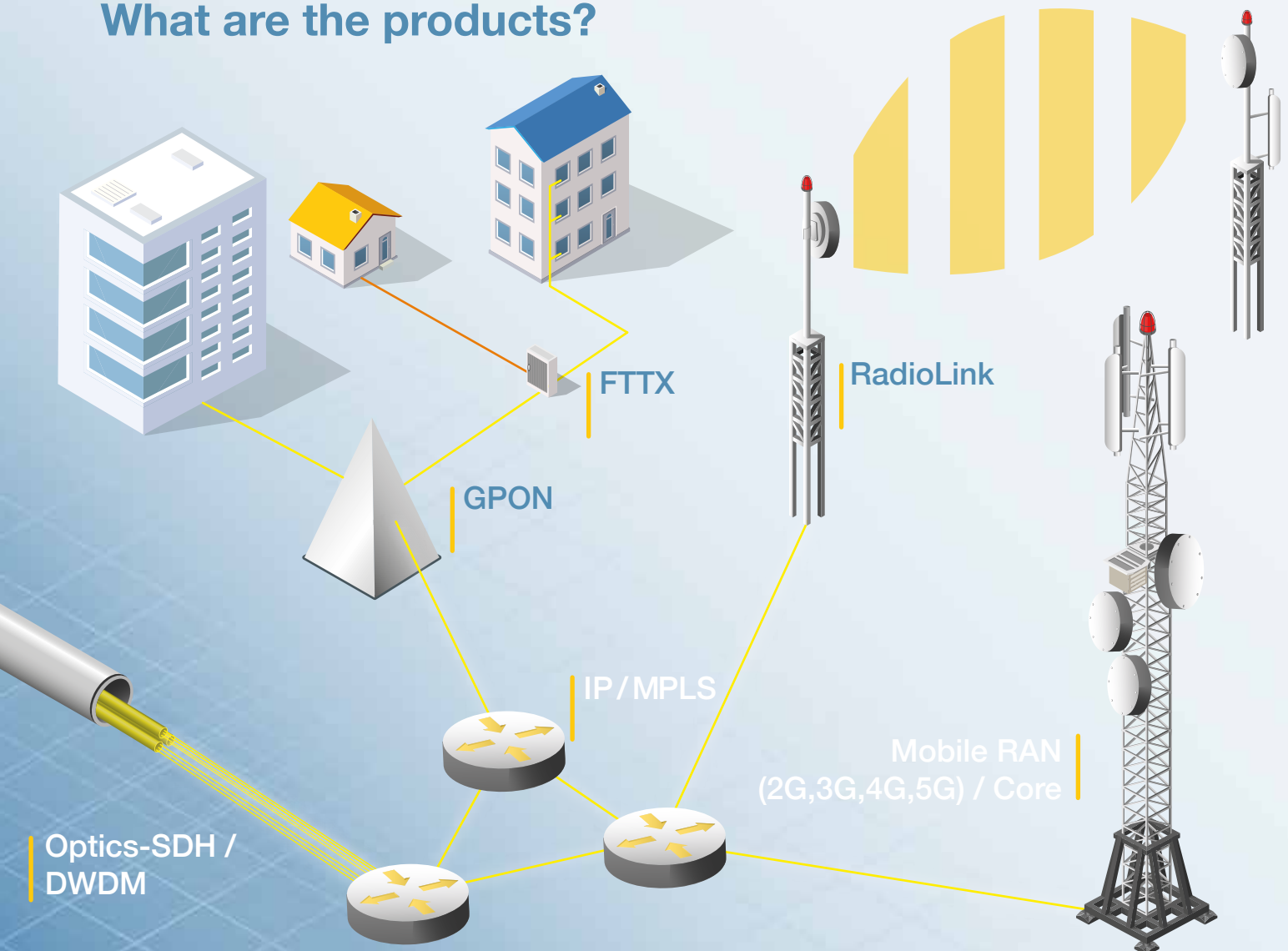
Calculation of MTBF, MTTR, availability metrics according to the contractor SLA's, and scoring the performances regionally ensure objective aspect of performance evaluation. Periodically prepared both retrospective reports and future analyzes including these calculations are essential in route and investment decisions.



## Executive Decision Maker

While keeping the company operating efficiently and making strategic decisions that help organization continue growing, related documents such as tasks or reports that assist in decision making can be submitted. Provided reports and dashboards facilitate decision making and allow decisions to be based on objective basis.

## What are the products?



# What are the modules & features of the product?

## Automatic Topology Discovery

Star Suite enables service providers automated topology discovery without the need of user input, manual configuration, and additional instrumentation. With Star Suite's specially designed algorithms, SDH/WDM, Radio Link, MPLS, Mobile (Core/RAN), FTTX, GPON domains are related each other and all network segments are combined, so you can monitor whole network once and up-to-date inventory is provided. With the seen of these relations, you can drill down to root causes of the failures easily. Moreover, interactive maps deliver on the fly visibility into the status of network inventory allowing users to spot recently discovered devices and unexpected device actions, comprehensively.

## Network Inventory Management (NIM)

Following up the logical and physical services, management of the inventory/stock, spare and asset, management of the planned works, GIS, management of customer and capacity, management of maintainer solution partner are the features of NIM module. In NIM, each of the CI is evaluated with its attribute and forms a basis for the metrics and KPI's. CI's can be reconciled with other CMDBs or can act as primary CMDB for covered domains.

## Impact Analysis

Impact analysis tool simulates outages on the whole network system and determines effects on services, customers, and regions with live continuous SPOF and MPOF analyses to demonstrate the impact of an outage on the whole network environment in detail. Simulation over actual network, what makes network precise and accurate, can be performed through topological correlation of logical & physical services. Analyzing failures gives an opportunity to find out root causes of problems. Besides, proper time for planned works can be assigned and impacts of the planned works over each other can be observed.

## Fault Management

Fault management is done with listening in a live manner and each event is classified with on-the-fly impact analysis. Events that cause faults are converted outage or quality records on the system and cleared when the fault is over, automatically. Faults can be followed up live, transferred to another systems, and logged historically. From these logs, 100% accurate SLA reports are created.

## Performance Metrics and KPI Analysis

Star Suite receives metrics from EMSs/NMSs, combines them with alarms on the system and converts these data into KPIs with automated computations and presents them in various formats such as trend reports, dashboards, and customizable reports in order to give a clear visibility, validate network performance and meet service level agreement. Properly calculated KPIs support future investments and give an opportunity to evaluate past investments.

## Planning Tools

Star Suite offers a uniquely developed LLD tool that is a supportive for planning operations, process management, capacity management and provisioning. Thanks to provided proper planning, need of excessive hardware and service is eliminated. It simplifies and accelerates engineers' daily planning tasks, so they can focus on more important projects each day. Moreover, Star Suite decreases OPEX and CAPEX but increases SLA's and customer satisfaction.

# What are the products?

