

## Managing future network scenarios in an uncomplicated manner

*Enabling the user to efficiently take control of network designs and at the same improving the decision-making process*

Comparing different architectural possibilities or simply the same approach but from different vendors; enabling several members to work on the same project without interfering with each other; keeping documentation and planning separate – these are all challenges facing the planning and documentation departments on a daily basis.

AND DesignAlternative is an option for AND SystemSolution, which enables the user to plan and simulate network modifications, extensions, and upgrades without affecting existing network documentation.

It is possible to create a DesignAlternative for a virgin project or based on the current (as-built) network states.

A DesignAlternative can be created for an entire project or just a small section of the network. The user can generate multiple versions and then select the most appropriate based on criteria such as cost comparison and/or technical results.

Within a DesignAlternative itself the user might well want to be able to create further alternatives i.e. “daughter projects”; this is also supported.

With the optimal plan chosen the technicians can set about making the necessary modifications to the network. Of course they have full information regarding the location of components as well as engineering detail such as expected levels at test points.

When the build is completed and verified the DesignAlternative can be simply merged into the current documentation.

A further benefit of DesignAlternative is that several colleagues can work simultaneously on the same project.

During the merge process potential collisions are automatically checked and reported so that the appropriate action can be taken.

