

Use Case NETWORKS Fixed Access for strategic network planning

NETWORKS

a product of **DETECON**



Telco Operator in the Philippines



Project Goals

The customer wants to acquire a fully-fledged planning tool to perform strategic fiber network design tasks and thereby substantially reduce the time of the design process



NETWORKS Approach

- Tailor NetWorks Fixed Access to our customers needs
- Integrate NetWorks into the tool landscape of our client
- Support and guide our customer on site, during the first phase of the implementation
- Train our customers engineers to use the tool in an efficient way to deliver high quality results



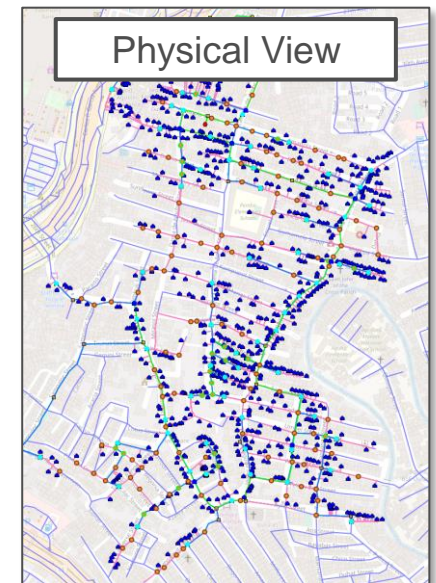
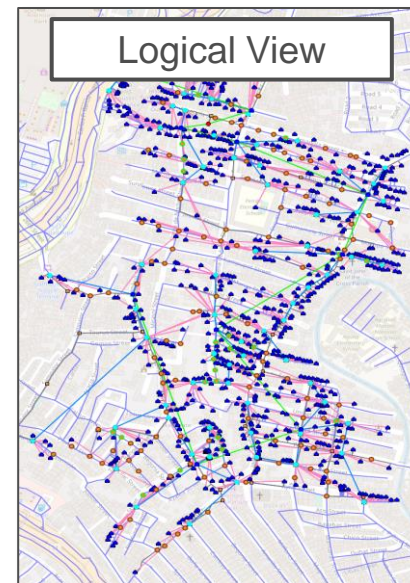
Client Benefits

- Conduct independently high-level strategic FTTH network rollout scenarios to determine a CAPEX estimate per rollout region utilizing the acquired NetWorks tools.

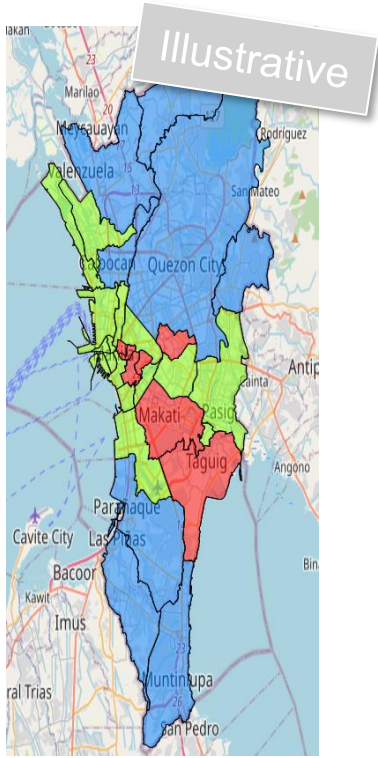
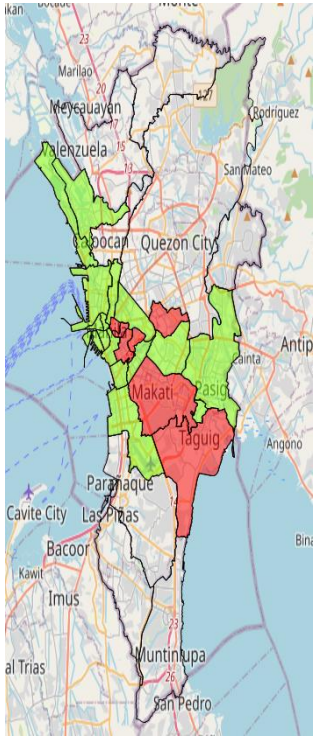
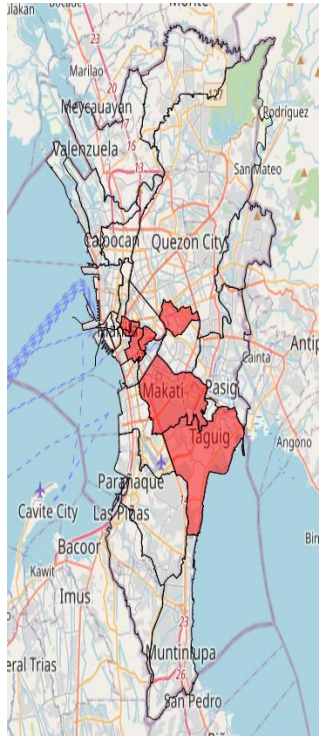
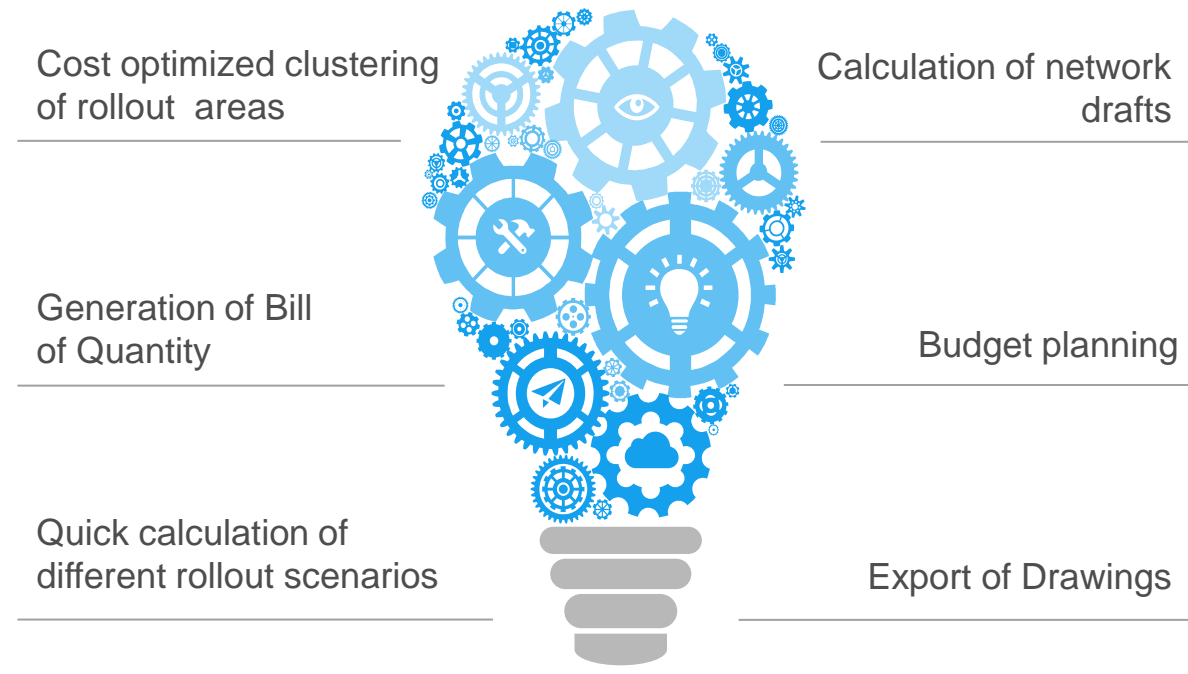
NETWORKS FA Implementation— strategic planning of fixed access networks

The customer required a solution that

- Facilitates the high-level design process and automates it to a high degree
- Calculate the CAPEX for each design fast and efficient
- Expedites the analysis of different rollout scenarios in order to derive the most cost-efficient rollout plan
- Eliminates the need for a lengthy manual design process



The evaluation of different rollout scenarios and CAPEX forecasts enables NETWORKS customers to select the best rollout strategy



The application of NETWORKS yields massive time savings compared to a manual design process.

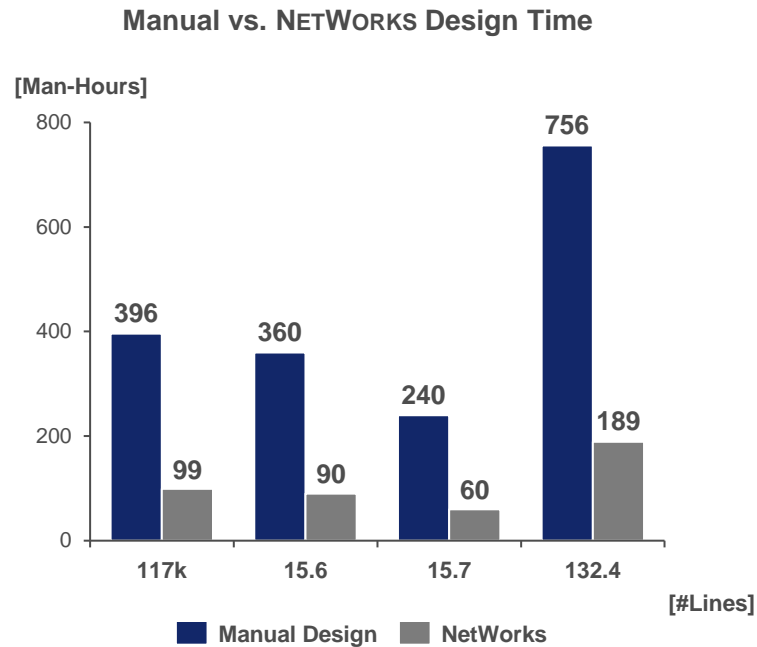
HIGHLIGHTS

NETWORKS was introduced to accelerate the fiber planning process for the rollout of the nationwide FTTx network in the Philippines.

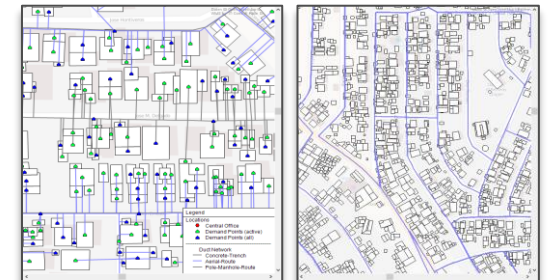
75% ↓
DESIGN TIME



- Several areas have been calculated in a manual manner and with support of NetWorks whereby the required time to generate the designs have been recorded and compared
- The results show that the end-to-end planning capabilities of NETWORKS and its high degree of automation allowed this client to cut down their design process time by 75% on average.
- Specially developed new features further facilitated the evaluation of rollout decisions from an economic perspective.

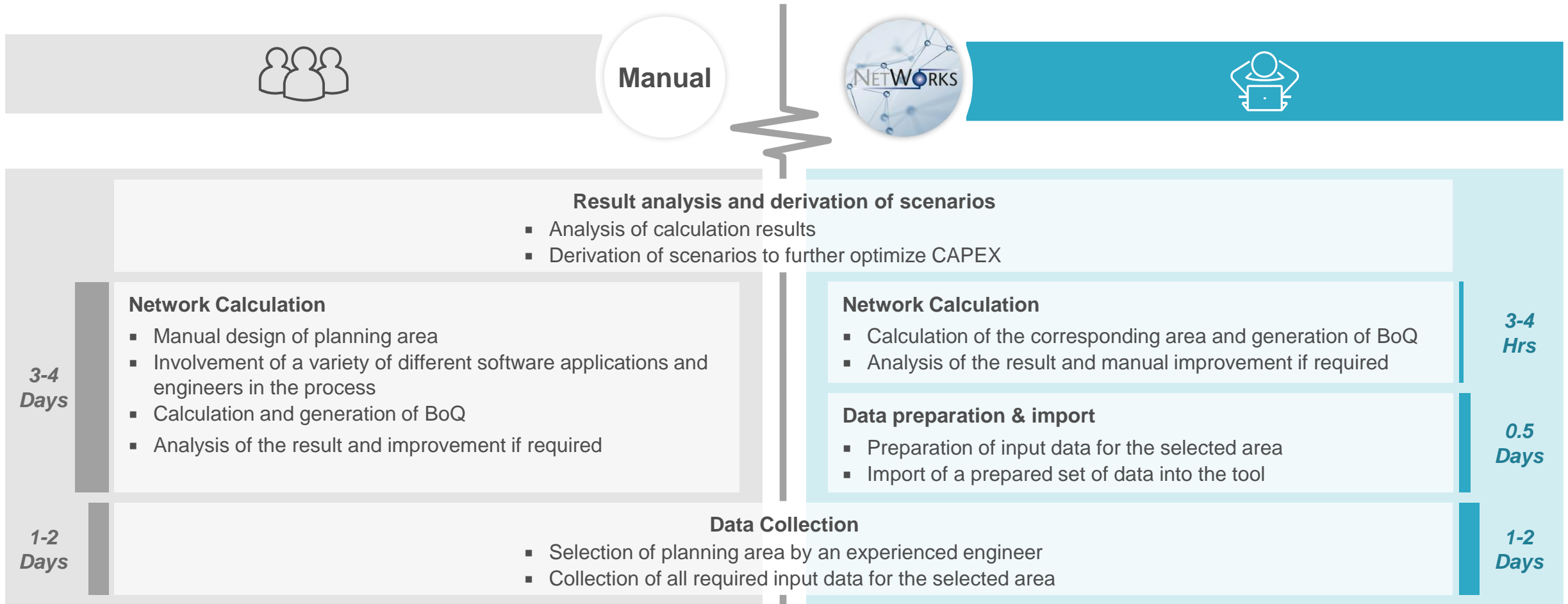


CAPEX Heatmap



Auto-generated Network Designs

NETWORKS Fixed Access provides the means for a fast and efficient network calculation and scenario analyses for our customers.



Time estimation based on one OLT with approx. 5000 lines

Thank you.



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