

## ***ABSTRACT***

The increasing number of internet or data enthusiasts of a company must improve the quality and development in order to meet the huge bandwidth requirements. PT. Fiberstar as a partner of PT. Cahaya Arif Abadi has improved its quality by building a fiber optic network architecture FTTT (Fiber To The Tower) network. The construction of fiber optic networks requires mapping, planning and design. Project owned by PT. Fiberstars need to be designed before construction, using the Cohaereo application. Then do planning to form reliable network connectivity, as well as mapping to map the PT project. Fiberstars that are ongoing in its development, especially the fiberization project.

*Key: FTTT, Cohaereo, Mapping, Planning, Design.*