Education Development Project

For Synods of the Nile schools

Background

Synods Schools launched this project to align with the Comprehensive Digital Transformation framework established by the ministry of education in Egypt and implemented already by the ministry in all public secondary schools in Egypt. The project includes two phases, with 12 schools and 3 schools respectively.

Objectives

- Development of the educational process in schools through the use of communications and information technology.
- Digital Transformation in the schools through the provision of Hardware and Software necessary for the digitization of education and teaching materials. Connecting all classes and school laboratories to a data network (LAN).
- Connecting the educational devices of the school (computers - laptops - smart boards - tablets) to the Ministry of Education.
- Establishing control and security measures for students' access to predefined websites
- Raise the efficiency of IT engineers in schools through ICT training

STS Solution

Supplying, installing and testing the equipment and materials of the project for each school including the following:

- All Data Network passive components either fiber or UTP cables along with all needed civil work
- All Power connections to the classrooms along with all necessary UPS, Stabilizers
- All Active Network components including core, edge switches and access points.
- Information Security and firewall components
- Data Center & IT room preparation along with necessary firefighting, fire alarms, access

Benefits

- Providing electronic content in the classrooms for the teachers and the students
- Converting manual and paper interaction in schools and remotely into a completely digitized process.
- Connecting all schools to the ministry of education, allowing students and teachers to have access to all the educational material provided by the ministry and enabling on line examination.