

About organization



A strong primary education is an essential foundation for further learning and professional development for every person. In Vereeniging, South Africa, this critical mission is entrusted to the teaching staff of Milton Primary School. The school management takes pride in its academic, socioeconomic, and cultural diversity. Since Milton Primary School opened its doors, it has become a place that all students in Vereeniging and beyond can call home. 36 teachers provide high-quality education to more than 1,000 students every day, helping them build a strong foundation of knowledge.

Problem

Due to the global COVID-19 pandemic, many schools in South Africa were forced to move to distance learning and Milton Primary School was no exception. After the relaxation of the isolation regime, the students were allowed to attend school providing they practice a required 1-meter social distancing rule. In order to meet the safety guidance, the classes were divided into small groups and spread over multiple classrooms. As the school could not assign a separate teacher to each group, the administration was forced to urgently search for a suitable video communication solution that would reduce teacher workload and guarantee full compliance with COVID-19 prevention measures.



Country:
South Africa

Field:
Education

Challenges:
Delivering online education sessions in LAN to comply with COVID-19 prevention measures

Implementation:
2021

Solution

To ensure a safety-first environment, Milton Primary School needed an easy-to-manage and reliable video conferencing solution that could operate in LAN. Popular platforms such as Zoom and Google Meet did not manage to meet the requirements as they do not work without Internet connection.

After the extensive search, the school administration decided to go with TrueConf, a video conferencing solution that works offline and provides a number of tools specifically designed for distance learning.

Each class can be scheduled for the desired date/time and automatically added to the calendar along with the connection details, while the students receive an automatic email notification prior to the meeting.

All classrooms are equipped with PCs and required audio and video devices (e.g. web cameras and speakerphones) to ensure quality learning experience. The teacher runs the class and shares educational materials to all groups of students simultaneously over LAN. All lessons can be recorded so that the students that missed the lesson can re-examine the course at any time.



“TrueConf has greatly facilitated the classroom experience both for our teachers and students. The solution works offline, which means that the educational process no longer depends on the quality of the Internet connection, while collaboration tools greatly simplify the learning process.”

— Alison Bengston, Deputy Director General
at Gauteng Department of Education

Results



TrueConf has helped Milton Primary School to remove distinction between a physical classroom and a digital classroom. The solution allowed the school to create a safe learning environment for 14 groups of students, deliver consistent educational options for students and teachers and facilitate interactive education activities.