TechFLUENT
Solutions Pvt. Ltd.
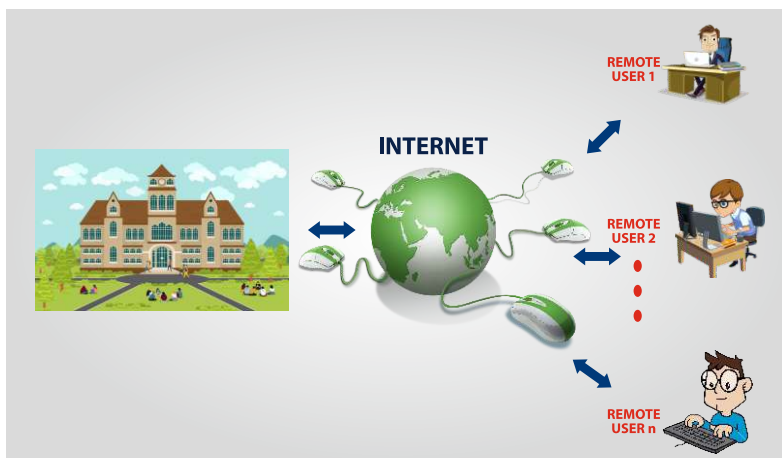
REMOTE
LAB ACCESS
MANAGEMENT SOLUTION

www.techfluent.in

OVERVIEW:

Times have never been more challenging. On one hand is the devastating sight of a virus that has evolved in to a global pandemic in such little a time, on the other is the pressing need to exercise widescale social distancing.

The only known means to curb the spread of it at the moment. With classroom training taking an unprecedented backseat, the need for "Remote Learning" has never felt greater. Technology is a constantly

- ➲ The challenge at hand is to engage students remotely and ensure they are kept abreast of the latest in technology using the best laboratories.
- ➲ An ensemble that makes one technically competitive and ready to face the industry.
- ➲ In Laboratories, students earn the opportunity to learn the simulation and deploy onto hardware.
- ➲ With our movement so restricted, the need for a remotely accessible Laboratory appears in order.

Yes!! what we present is a platform that will enable you to acces the Lab Facilities

while you are still within the safeties of your home. You can remotely access the Labs, the equipment and you can explore all those Technologies that will aid your course completion marvellously.

OBJECTIVE:

Read on to learn how we propose to make the above possible

To provide complete Remote and experiential Learning management system that empower students with 24/7 access to Laboratories, facility to include usage of both hardware and software remotely. Upgradation of Physical Lab into Remote Access Lab.

OUR PARTNERS

NATIONAL INSTRUMENTS • Aitech • ANSYS • Sigasi; • Mentor Graphics • esi • SIMULATION X Powered by ITI • SIEMENS • XILINX • Dino-Lite Digital Microscope • Getac

FEATURES:

- Complete learning management system includes Live Video Lectures, Practical hands on Session on Simulations Labs and Remote hardware testing using existing infra of Institute.
- Designated for 24 X 7 Lab facilities to the students this enables them to learn on their own pace.
- Institutes can independently plan to complete their course work and teach their methodologies.
- Real time in hand experience using Simulation Software's and Hardware in Loop solutions.
- Activity monitoring of the students with options of recording time spent on each program, web page, real movement detection, etc.
- Secured streaming service with video, audio and chat capabilities for interactivity and participation
- Students can securely access the Lab Setup remotely with necessary security protocols.
- Ability to share the screen with students joining the session remotely.
- Web Portal for accessing the Remote Lab Interface with Identity and Access Management linked to College servers.

OUR OFFERINGS :

- Remote Lab for Simulation and HIL
- Activity monitoring Dashboard for Management
- Brandable, Video Conferencing and Screen Sharing server
- On Premise Examination server for conducting online exams(add On).

BASIC BUNDLE	STANDARD BUNDLE	PREMIUM BUNDLE
➢ Classroom Teaching ➢ Remote Lab Solution ➢ Remote HIL ➢ Students Activity Monitoring System *Supports up to clients 300 with existing Lab Infra (Systems and Simulation Software powered on 24/7) ➢ Deliverable : ➢ Remote Lab Access Management Software ➢ Server ➢ High Resolution CAM ➢ Online Support	➢ Classroom Teaching ➢ Remote Lab Solution ➢ Remote HIL ➢ Students Activity Monitoring System *Supports up to 1000 clients with Virtual Machines for performance efficiency. Deliverable : ➢ Remote Lab Access Management Software ➢ Server ➢ Virtual Machines ➢ High Resolution CAM ➢ Online Support	➢ Classroom Teaching ➢ Remote Lab Solution ➢ Remote HIL ➢ Students Activity Monitoring System ➢ Online evaluation of practical sessions ➢ Online Examinations. ➢ Customized Integration and Deployment *Supports up to 1000 clients with Virtual Machines for performance efficiency. Deliverable : ➢ Remote Lab Access Management Software ➢ Server ➢ Virtual Machines ➢ High Resolution CAM ➢ Dedicated team for development ➢ Onsite Support