

# DIGITAL LABS

Cloud labs & training solutions  
for students, universities  
and corporates

TRAK Labs



**Bespoke virtual machines** to  
support your classroom learning



Get a quick glimpse of  
the Traklabs Solution

Built on  
 Azure

Technology Partner

 Microsoft

Given the changing times, due to COVID-19, it is becoming increasingly imperative for all businesses to go digital. Universities and Colleges across the world are changing their infrastructure with increased focus on blended learning solutions.

“Going Digital” and an increased focus on “practical and vocational” education are the key highlights of educational policies globally.

And to aid you in going digital, we have launched [Digital Labs](#) - solutions that help you take your curriculum online and enable a future ready workforce.

## TRAKLABS: ENABLING A FUTURE READY WORKFORCE

Traklabs, [a Microsoft Partner Company](#), provides Cloud based Digital Labs, Job Linked Certifications, and Talent Access to Educational Institutions & Corporates.

Traklabs is a unique platform of 200+ Universities along with a footprint of 200,000 students, that helps industry to directly source and hire upskilled resources through various programs and Centers of Excellence.



## WHAT ARE DIGITAL LABS?

Digital labs are highly customised browser-based solutions that provide remote access to high grade machines to your students anytime and from anywhere. They are provided along with trainer dashboards for the faculty to monitor student performance and help students remotely with their projects. These labs also provide a proctored test-taking environment along with automatic evaluation tool.

### Customizable Machine Configurations

Virtual Machine: CPU/GPU or both	Processor: 2 core to 8 core  RAM: 8 GB to 32 GB	Storage: 30 GB to 128 GB	Pre-configured with open source or licensed softwares
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Pricing based on the customised configurations chosen

Pay-as-you-go on a per license per hour basis

## BENEFITS OF A DIGITAL LAB

### Anytime, Anywhere Access

Students can access high-end machines for using the softwares required to complete their practical assignments.

### Enormous Cost Savings

The cost of a digital lab is 40% cheaper than a physical lab set-up

### Quick Deployment of labs within 48 hours

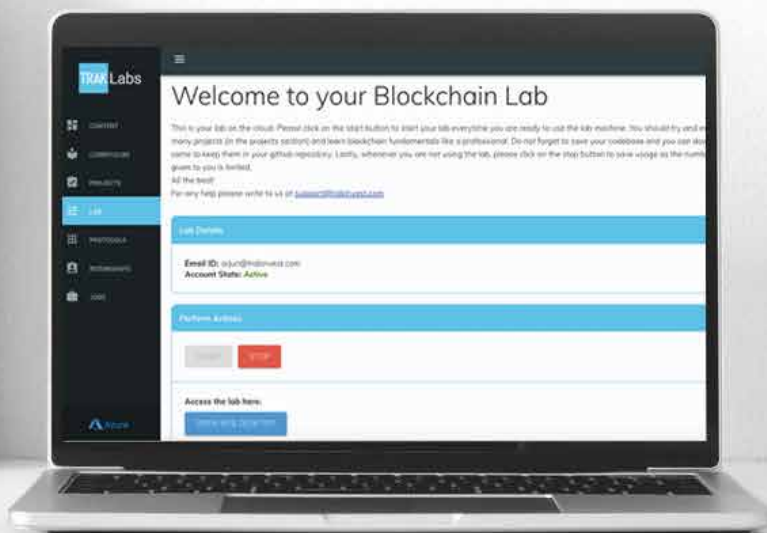
Digital labs can be installed quickly for any number of students and any number of subjects.



# TRAKLABS DIGITAL LABS SOLUTION

TrakLabs Digital labs solution are simple, easy and effective solution to the on-going problem of the inability of the students to attend university lectures in-person in a classroom.

For instance, to perform penetration testing using a Cyber Security Lab, you would require a 2 core 8 GB RAM machine on KALI LINUX. We can get this set-up within 24-48 hours, hosted on the Azure cloud accessible from any browser on any device by a student or a faculty.



## SOLUTION

- Browser-based Digital labs with the assignments accessible from any location with an internet connection
- A lab environment that can be proctored during the exam
- Flexible subscriptions that are available on demand with pay-per-usage cost model
- An automated evaluation system with quick result calculations and declaration

## Sample Problem Statement

Dr Rao, HoD of Computer Science Department has had a busy year rolling out courses for many technologies like Cloud, AI / ML, Big Data, RPA, etc. These training sessions are all Instructor-led with practical exams. The practical exams would usually get stretched beyond 2 to 3 weeks, basis the Instructor's availability, and the coding assignments required manual assessments. Moreover, due to the COVID-19 pandemic, the practical exams could not be conducted remotely due to campuses being closed and the computers being inaccessible. Such constraints, left many learners without practical learning insights.

# BESPOKE DIGITAL LABS

## Programming Labs



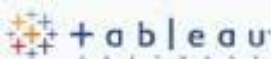
## Technology Labs



## Platform Labs



## OEM Labs



## Skills Labs



# BRIDGING THE DIGITAL DIVIDE - OUR SOCIAL RESPONSIBILITY

In wake of the Covid-19 pandemic, students all over the world have been forced to shift to a virtual model of schooling. This is an opportunity for all universities to upgrade their infrastructure to digital solutions and make it more easily accessible across locations

## SWITCH TO DIGITAL LABS TODAY - SCHEDULE A DEMO WITH US.

### OUR NETWORK

# 200K

Total customers

# 200+

Partnerships



Visit us on [www.trakblabs.io](http://www.trakblabs.io)  
Reach out to us on [support@trakinvest.com](mailto:support@trakinvest.com)



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