



NDG Increases Student Access to IT Training Across Egypt

INSTITUTIONS



CHALLENGE

The new Egypt regional program manager consultant, Nevine Gamal El-Kadi, discovered that there were no trained instructors in a country that has nine inactive academies.

SOLUTION

The regional program manager qualified the first regional academy in the Middle East and Africa (MEA)—the National Telecommunications Institute (NTI). She then engaged NDG, who trained more than 200 MEA instructors via a webinar covering cloud and virtualization concepts.

Who We Are

Network Development Group (NDG) develops IT skills and prepares students for rewarding careers. NDG started with a simple idea—use networked technology to make hands-on, real-world IT training accessible to all. They develop training and technical certifications that can lead to rewarding careers. They also know how greater skills allow people to contribute better to their organizations, their families and their communities.

VMware is headquartered in Palo Alto, California. The **VMware IT Academy** is a global, public-private partnership with institutions around the world. VMware IT Academy teaches the application of VMware technology to help students lead in the digital future. This fosters career development, creates a pipeline of diverse talent and helps lead positive change around the world.

Resources Were Limited

Upon embarking on a new assignment as the temporary consultant for VMware IT Academy, Nevine Gamal El-Kadi soon realized that the region was lacking trained instructors.

The first need was discovered at the Military Information Systems Institute. This institution was qualified as an academy but needed training. NDG donated 15 install, configure, manage (ICM) lab access codes to train 15 students at the institution. The training was delivered by VMware Senior Engineer Ahmed Khalifa. After completing the course, the students were qualified and assigned to work in various projects.

Need to Scale

Following that quick deployment, in the first month Information Technology Institute (ITI) signed a memo of understanding (MoU) with VMware to promote the company's solutions and build the IT capacities of students.

NTI was the first Regional Academy in MEA. It became clear that locally trained VMware IT Academy instructors would allow the region to scale.

NDG to the Rescue

Knowing NDG was up for the task, they were called upon to see what they could do to train the region. NDG ended up playing a major role in getting the first regional academy started. Through their NETLAB virtual lab model, they donated seven ICM access codes to NTI instructors and five to ITI instructors. All 12 instructors were once again trained by Ahmed Khalifa. Once they completed their own training, they delivered ICM training to four instructors, 32 interns and 16 new students.

While ITI is not a regional academy, it is important for them to be able to qualify instructors/trainers because they have branches in almost all public universities. These instructors are responsible for delivering continuous training programs to hundreds of students.

NDG COMPREHENSIVE DONATIONS

- 15 ICM lab access codes to train students at the Military Information Systems Institute
- 12 ICM lab access codes to train the regional academy instructors
- 12 O&S access codes to 12 instructors
- 28 ICM lab access codes to NTI to train 44 instructors from MEA academies
- 16 ICM lab access codes to NTI students participating in the Ministry of Communications and IT's scholarship
- 15 ICM lab access codes to ITI students
- 15 ICM lab access codes to ITI

LEARN MORE

Learn more about how VMware IT Academy students can align themselves to the leader by visiting this site:

www.vmware.com/company/research/it-academy.html

Powerful Impact

Thanks to the generous donation of 28 ICM lab access codes, NTI was able to deliver 44 training sessions to Egyptian Universities, Lebanon, Kuwait, Egypt, Angola, Nigeria and Mount Kenya University.

NDG also donated 12 operate and scale (O&S) access codes to 12 instructors. In keeping with a "learn anywhere" model, NDG contributed to train more than 200 (MEA) instructors via a webinar covering cloud and virtualization concepts.

NDG has just posted the concept courses on "Maharatech," the official portal of ITI. This will give thousands of students and recent graduates who have access to this government portal the chance to learn about virtualization and cloud computing.

Impact from the VMware IT Academy Perspective

Through the generous support of NDG, by providing ICM lab access codes to instructors and sometimes students, the number of academies grew by more than 200%. Additional impact is reflected in the number of new instructors and students and positive awareness of VMware IT Academy courses in the region.

The NDG assistance helped the VMware IT Academy team deliver several cloud, storage and network virtualization webinars to more than 640 instructors. Follow-on meetings with Pan African Virtual and E-University (PAVEU) allowed them to post the concept courses on the university's platform. This has given students in countries such as Cameroon, Angola, Kenya, South Africa, Nigeria, Mozambique, Cote D'Ivoire, and Senegal the chance to acquire the VMware skills available through the VMware IT Academy.

Impact from the Business Perspective

From a business perspective, the donation of ICM lab access codes to at least NTI, which delivered training to university instructors in Egypt, contributed to the increase in the number of students who are skilled in data center. This has benefited VMware business expansion in Egypt, resulting in the hiring of 48 students last year from the German University in Cairo at the VMware Center of Excellence.

The strategic partnership with the Ministry of CIT through NTI and ITI increased positive brand visibility and also helped land a multi-million-dollar business deal with the Egyptian government.

Together We Learn More, Do More and Be More

Generous partnerships allow VMware IT Academy to have and impact in MEA. The contribution of the NDG team with their NETLAB service created a sustainable and scalable model that helped grow the region. By working together and providing in-demand skills, we were able to build successful partnerships in MEA and bring positive visibility to VMware IT Academy.