



## **Background**

Alef Education is a premier education group in the UAE, operating over 4,000 schools and serving more than 820,000 students. The organization employs 40,000 teachers and school leaders and aims to lead the global digital transformation of the Kindergarten-to-Grade 12 (K-12) education sector. With a vision to enhance learning experiences through technology, Alef Education recognized the need for an advanced digital infrastructure to support its extensive network of 75+ schools, 4,000+ students, and 100+ servers, all integrated into a single cloud platform.

## **Challenges**

To achieve its goal of digital transformation, Alef Education required a solution that could:

- Provide a scalable, cloud-based infrastructure to support a growing number of virtualised applications.
- Simplify the management of virtualized network functions (VNFs) and applications throughout their lifecycle.
- Ensure future-readiness by enabling seamless deployment of additional virtualised services.

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## **Solution Offered by H3C**

### **1. Cloud-Based Solution:**

Utilise the H3C CloudOS virtualisation platform to help customers achieve digital transformation.

### **2. Full-Lifecycle Easy Management:**

In addition to comprehensive NFVO and NFVI capabilities, H3C CloudOS offers customers full lifecycle management of VNFs and applications.

### **3. Future-Ready Capabilities:**

Through the virtualisation platform, customers gain the ability to deploy an increasing number of virtualised applications, thereby unlocking the full potential of cloud computing.

## **Results**

The partnership between Alef Education and H3C delivered:  
Improved digital infrastructure to support large-scale operations.  
Simplified management and allowing focus on core educational objectives.  
A future-ready technology platform prepared for evolving educational and technological needs.

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