

## CHALLENGE

Half of Macedonia's 360,000 public school students attend school in a morning session, and the other half in an afternoon session. The challenge is to deliver one computer per child to all of the nation's primary and secondary students for less than US \$200 per seat.

## TECHNOLOGY

160,000 NComputing X300 access devices, connected to 20,000 desktop PCs running NComputing virtualization software deliver 180,000 student seats.

## RESULTS

The government of Macedonia has begun a two year rollout across all 430 schools. The NComputing X300 enables seven users to access to a single computer simultaneously. Long term maintenance costs are a fraction of what they would be if the country had purchased individual laptops for every child.

# Republic of Macedonia First Nation to Provide a Computer for Every Student

Once considered the least developed of the former Yugoslavian republics, Macedonia is leaping into the 21st century. Thanks to low-cost virtual PC technology from NComputing, Macedonia is the first country ever to provide a 1:1 computing experience (one computer per student) to its entire public school population.



Macedonia is the first country ever to provide a 1:1 computing experience for an entire school population

## The Challenge

Computers are taking a leading role in education. The Macedonian government wants to create a knowledge-based economy and is undertaking a series of bold steps to make that happen. A key step is to give every student in the nation (all 360,000 of them) access to a computer.

"The Computer for Every Student" initiative is the largest and the most important education undertaking in the 15-year history of the Republic of Macedonia," said Ivo Ivanovski, the country's Minister for the Information Society, who is driving the project.

The program will have a profound effect on how lessons are taught. All science, math, biology, and chemistry classes will include some online component, according to Ivanovski.

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