



THE ADDRESS

Chartridge Lane, Chesham, Bucks

THE REQUIREMENTS

- Replace or upgrade existing individually-controlled access point system
- Simplified, centralised management requiring less maintenance
- Support for many users in a small area with no loss of bandwidth
- Reduced cost of ownership

THE TECHNOLOGY

- Motorola RFS6000 wireless switch with 48 access point maximum capacity
- 20 Motorola AP300 802.11a/b/g access points

THE BENEFITS

- Motorola equipment includes the software for security, voice over wifi and remote access
- Central control and administration – IT team can easily monitor and manage the network
- Cost-effective – powerful solution within budgetary constraints
- Peace of mind from using industry-leading technology company

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Customer Overview



With an ethos of "Commitment, Care and Community", this Arts College focuses on working with students and parents to achieve the very highest standards in all areas of college life: academic learning, creativity, sport and each other.

Chesham Park Community College (CPCC) is a non-selective community college for students aged 11-19 years, but also has an Adult Education Centre operating during the day and in the evening.

As a specialist community college in the Performing Arts, it also provides a variety of educational experiences on site.

Business Situation

Chesham Park had an existing FAT access system and was looking to upgrade and expand the system to keep pace with the school's expanding use of technology to support its teaching requirements.

While budgetary constraints were a significant consideration, the college management were keen to source a system that would enable the college to continue extending the capabilities of its wireless system as teaching methods and student usage grew.

REACT's Solution

REACT Technologies provided a solution that enables the college to concentrate on its core educational business. Working very closely with Chesham Park to define their requirements meant the solution fulfilled all their needs as cost-effectively as possible.

REACT completely replaced the existing standalone system of access points as this ensured a state-of-the-art Motorola implementation that was significantly superior: providing greater savings both in the short and long-term, improved efficiency and the capacity to grow with Chesham Park's vision.

The final implementation was implemented for essentially the same up-front cost as upgrading the old system while providing greater benefits, lower long-term costs and the flexibility for easy expansion in the future.

The new site-wide, centrally-managed wireless solution provides secure access for large numbers of students working simultaneously during lessons. Students are restricted to only those areas of the college's network they need for their studies. Teachers and staff have access to the full network, no matter where in the college they are working.

The new solution provides an easy management platform, ensuring that Chesham Park's data connectivity remains well-maintained with the minimum of resourcing overheads. Staff are automatically alerted if there is a problem with any of the access points, which automatically adjust to ensure the whole school is still covered in the event of a problem.

