YOUR SCHOOL CLOUD

# ECS

## Education Cloud Services
### Tailored and reliable solutions

**Computelec**
Tailored IT Solutions for Education

# It's all about trust

The decision to base core IT resources and services in the cloud is often accompanied by concerns about availability, reliability, security and control. We have factored these concerns in designing and delivering Computelec Educational Cloud Services (ECS).

The cloud computing services we deliver are specifically designed to meet the mission-critical requirements of Australian schools and include:
- Secure, Australian-based cloud server and data storage provisioning
- Partnerships with providers of world-class data centre facilities and communications services
- Selected software services relied on by schools, including Microsoft productivity tools, Lync unified communications and Sophos security applications

Computelec ECS are backed by our highly-experienced technical team, with deep understanding of educational ICT and our 20+ years' experience in delivering effective outcomes to the primary and secondary education markets.

# Australian schools are rapidly adopting cloud computing

Like many other organisations, schools are moving to the cloud – in recognition of the many benefits it offers:

## Reduced costs
Accessing the computing resources you need via cloud computing enables you to stretch your IT dollars further – leaving your budget for school-specific ICT initiatives to better support your teaching and administrative staff, students and their parents.

## Increased productivity
Moving day-to-day IT processes, such as back up of data and hardware administration, into the cloud means that tasks previously managed internally are in the hands of experts – leaving your IT team free to concentrate on new initiatives that could make a real difference to educational outcomes.

## Flexibility
Cloud delivers processor power and data storage on tap – and you only pay for what you need, when you need it. Plus, the wide range of available SaaS applications enables schools to access innovative technology fast, without the effort and cost of deploying and hosting applications in-house.

## Competitive advantage
Moving to cloud computing offers your school the opportunity to reduce IT costs and adopt new applications that will enhance educational services, communications and IT delivery to your wider school community.

# Computelec Cloud Services

Our Education Cloud Services (ECS) include fully-managed or self-managed options for:
- Back up as a Service (BaaS)
- Disaster Recovery as a Service (DRaaS)
- Infrastructure as a Service (IaaS)
- Internet as a Service  (Internet aaS)
- Wireless as a Service (WaaS)
- Lync as a Service (Lync aaS)
- Security as a Service (Security aaS)

We can build your:
- Private Cloud
- Hybrid Cloud
- Hosted VDI solution

## Our Data Centre
Key facility features include:
- Australian location (APP-compliant)
- Highest industry rating
- n+2 environmental infrastructure
- 24/365 facilities management
- 3 x standby diesel generators
- 3 x Powerpak chillers
- 3 x cooling towers

## Your Virtual Data Centre (VDC) includes:
- Leading edge managed infrastructure
- High Availability, with no single point of failure
- 99.99% Service Level Agreement
- Highly scalable
- Full vCloud connector support

Plus, you maintain Admin rights within your VDC – with the ability to turn the resources you use on and off as required.
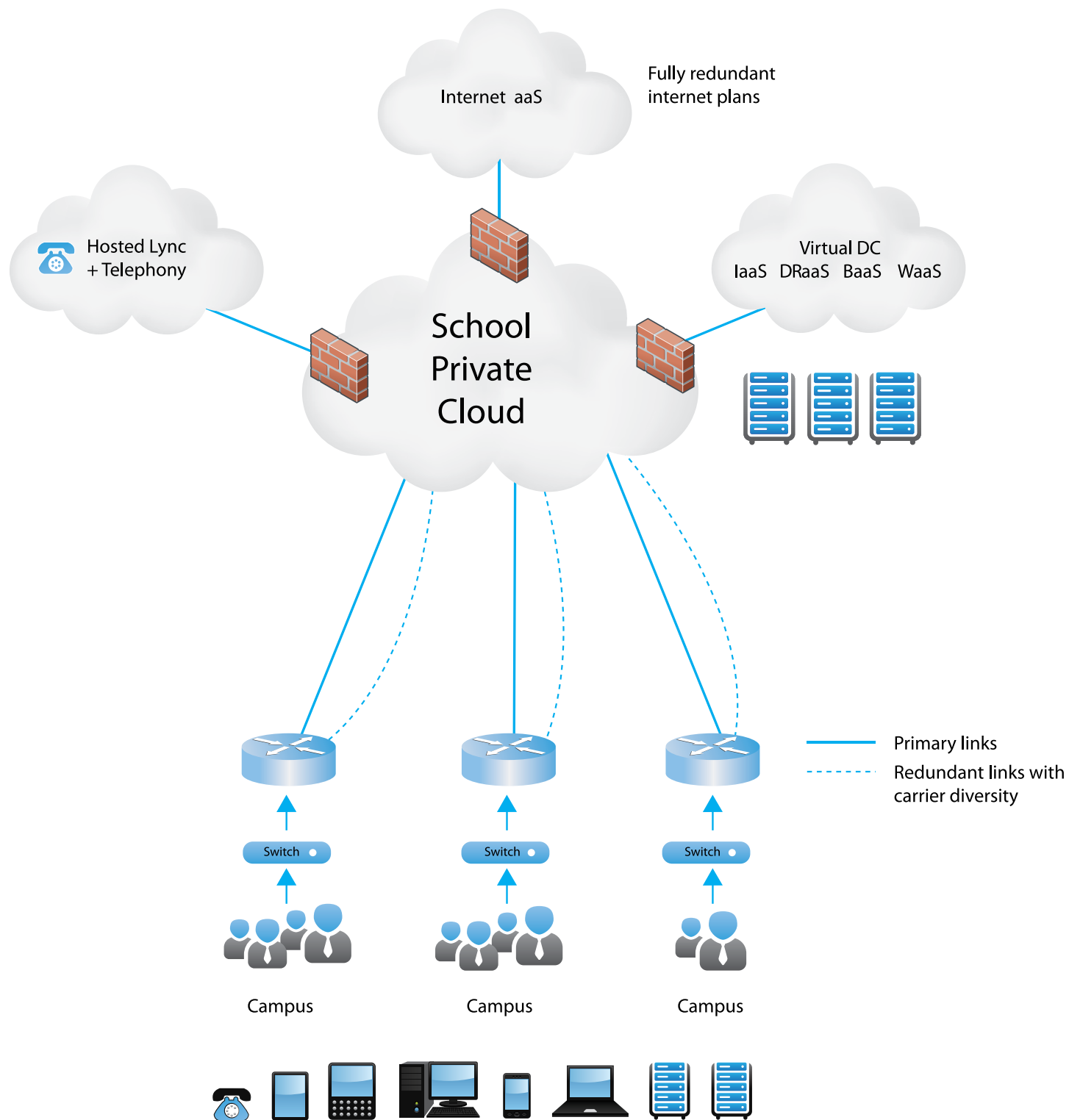
# Why Computelec?

Schools' use of IT is different from other types of organisations. So, as more and more schools move to a cloud computing model, the cloud solutions they adopt must be closely aligned to the special needs of their administrative staff, teachers, students and parents.

At Computelec, we have a deep understanding of educational computing and its demands for an efficient, reliable, secure and cost-effective ICT infrastructure. This is why we have designed a series of cloud computing solutions that specifically meet the needs of Australian schools and the communities they represent.

*"For those schools who do not have a location where they can store their backup data safely, [Backup as a Service] is a practical and sensible alternative to building the capability."*

Richard Jones, ICT Manager, Shore School NSW

# Your Private Cloud

Internet aaS

Fully redundant
internet plans

Hosted Lync
+ Telephony

School
Private
Cloud

Virtual DC
IaaS  DRaaS  BaaS  WaaS

Switch

Switch

Switch

Campus

Campus

Campus

——— Primary links

- - - - Redundant links with
carrier diversity

# Start your journey to the cloud

Our educational computing consultants can assist you in assessing the best options for your school – including the development of effective plans for migrating applications and infrastructure (safely) to the cloud.

We start by working with you to understand your business imperatives, and confirming your IT strategy for the next three or more years. We also look at the most viable solutions to achieve your educational goals and flexible curriculum delivery in the near and longer term.

We will then be in the position to recommend how your school could achieve benefits from moving IT delivery to the cloud – providing a realistic roadmap that factors in your special needs and any concerns.

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## For more information

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