DELIVERING TECHNOLOGY **FOR LEARNING**

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Services Delivery Manager

Northern Ireland

Classroom 2000 (C2k)

DELIVERING TECHNOLOGY FOR LEARNING

C2k Strategic Objectives

- To provide a world class learning environment
  - populated with relevant resources
- To help develop ICT skills
- To support partnership between home and school
- To place the learner at the centre of classroom practice
- To embed technology in teaching
- To lay foundation for life-long learning
- To support curricular reform

DELIVERING TECHNOLOGY FOR LEARNING

Today's Presentation

- Introduction / background
- ICT provision in N. Ireland's schools in 1999
- ICT provision in N. Ireland's schools today
- Getting to where we are
  - The journey of the last 5 years
- The Future
- Northern Ireland ??

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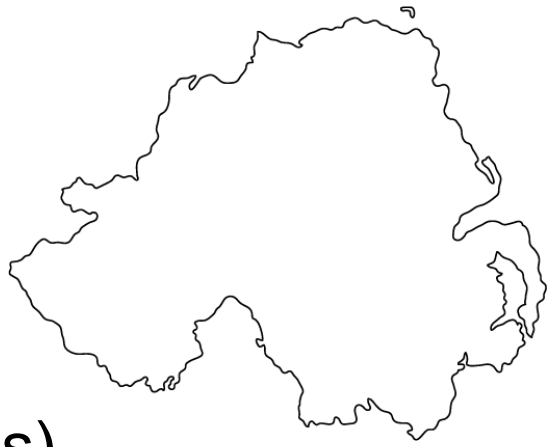
Northern Ireland

Maps from WorldAtlas.com

Northern Ireland Statistics



- Population 1.6M
- 330,000+ school children
- 5 Educational administrative regions (ELBs)
- 910 Primary Schools (4-11 years)
- 230 Post-primary Schools (11-18 years)
- 50 Special Schools (4-16 years)

} 1200!

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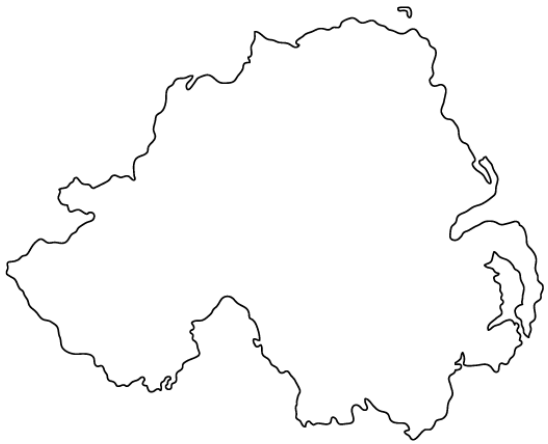
Northern Ireland's Schools



- Controlled (State)
- Maintained (Roman Catholic)
- Integrated (All religions)
- Irish Medium

- Secondary Schools
  - Selective (Grammar)
  - Non-selective

N. Ireland - Administration

C2k

- C2k
  - Regional: one Management Board
  - 5 Centres: local teams / local knowledge
  - Supports all schools
- Teachers are teachers: not technicians
- Heads/Deputies are educationalists: not software experts
- All children have a right to education
  - **In 21st Century, all children have a right to ICT**

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ICT in N. Ireland's schools in 1999

- Some – using computers for 20 years
- Some – computer suites
- Small number – Internet by dial-up
- Small number – technician help
- Many – use negligible
- Some
  - Standalones
  - None
- Most – no Internet access
- Most – no school-based help

Variety of workstations – type and specification

Unreliability

Seniors managers lacking in confidence

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Motivation for Change

- Education Technology Strat[illegible]gy
  - T[illegible]
  - [illegible] use when wanted
  - [illegible]cess without timetabling in an 'ICT room'

Public Private Partnership

Managed Services

"… im[illegible] [illegible]vince, for pupils and [illegible]ative and worthwhile use of tec[illegible]

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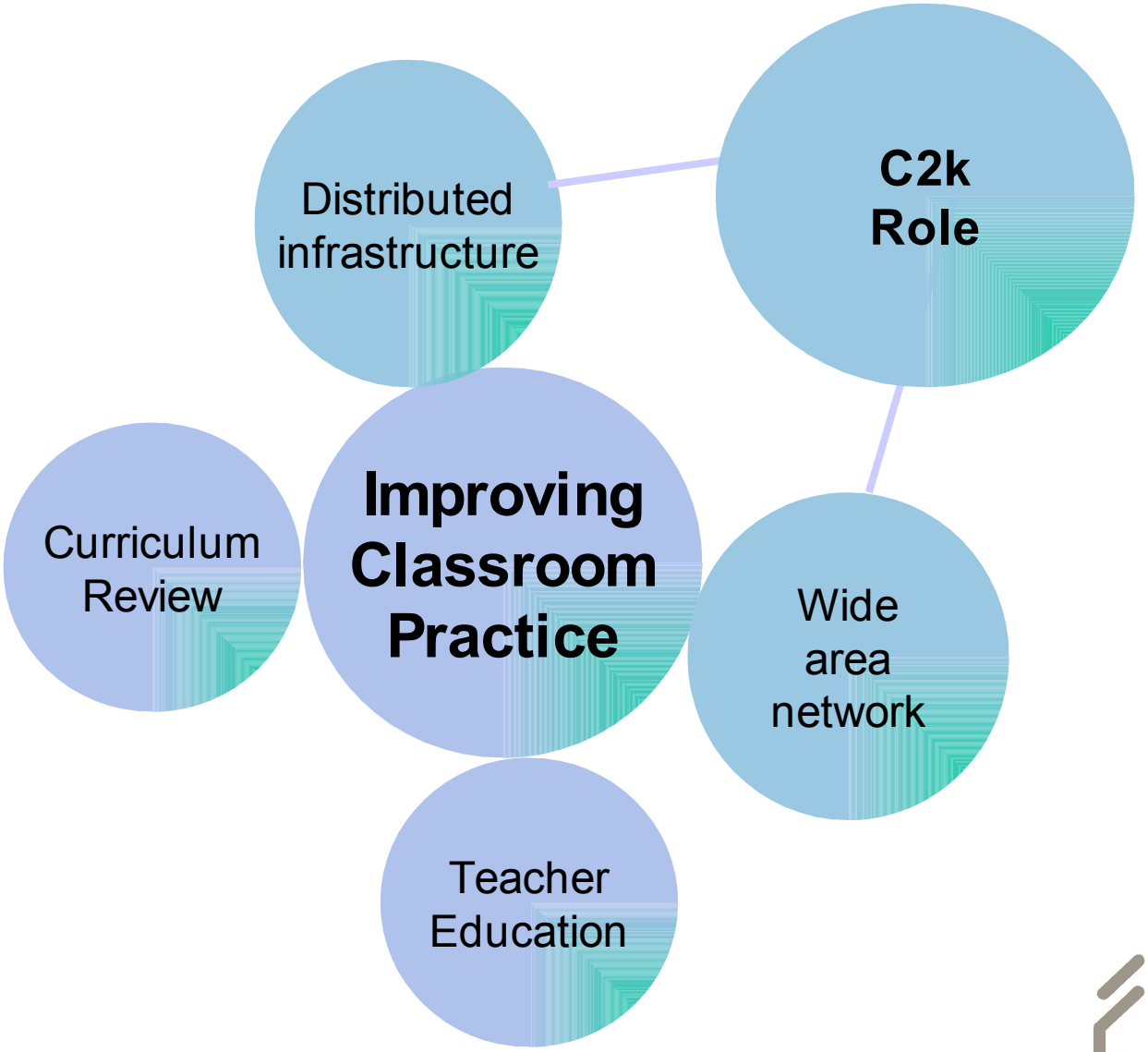
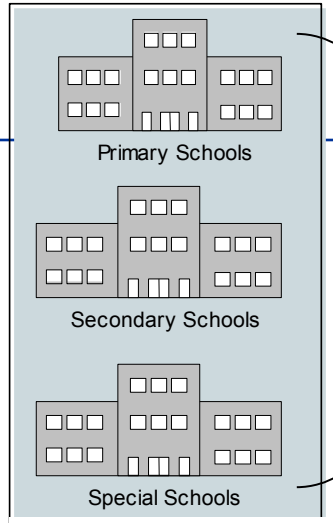
Strategy/Policy



N. Ireland's schools in 2006



Local Area Network (LAN) in every school

Curriculum Software

French

German

Music

Physical Education

Citizenship

Religious Education

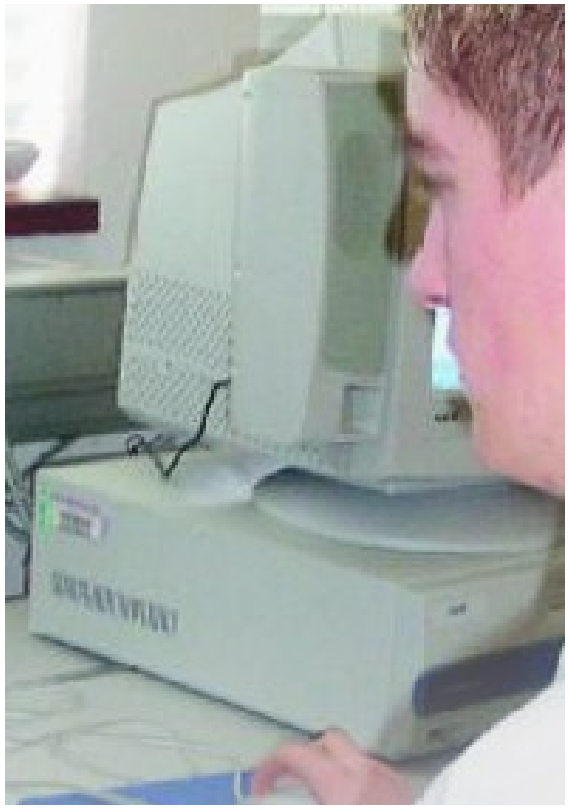
Physics

Chemistry

Biology

Technology

Special Needs



Information Studies

Art & Design

Business Studies

Careers

English

Geography

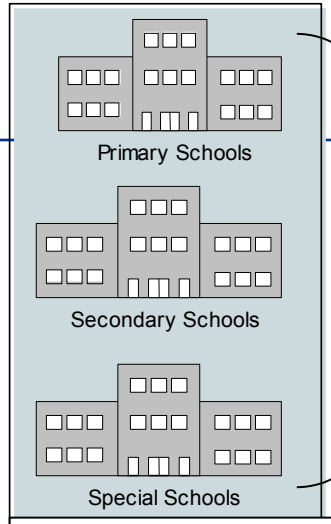
History

Information Studies

Irish

Home Economics

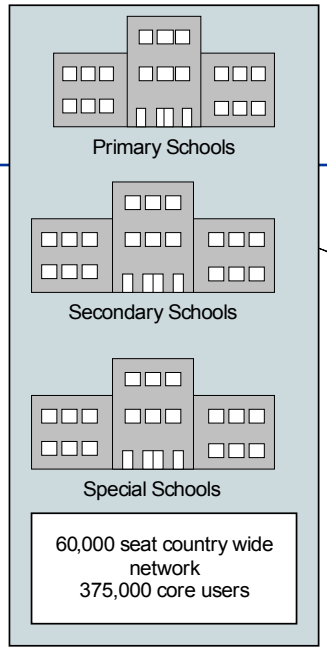
Mathematics

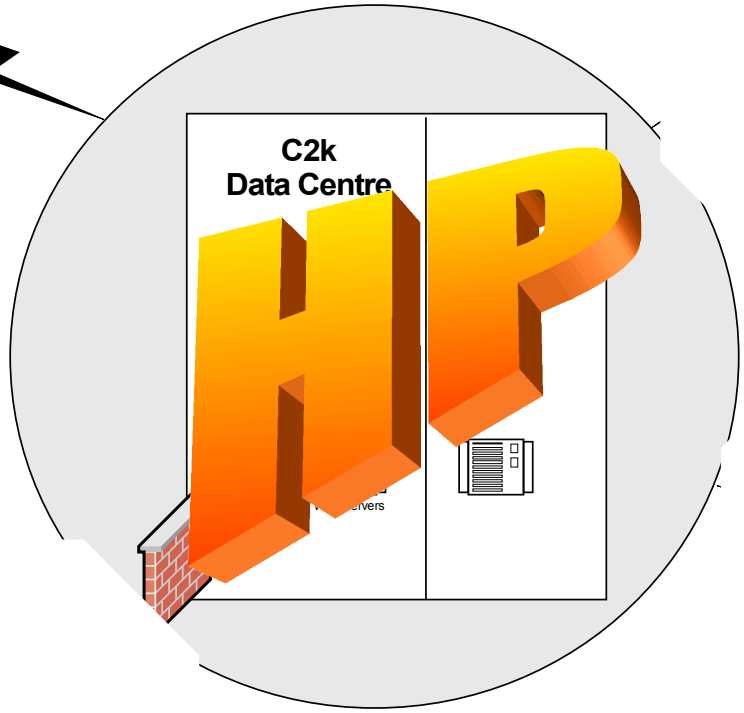


Local Area Network (LAN) in every school: MIS in all.

80,000 seat country-wide network: 375,000 users

C2k Wide Area Network





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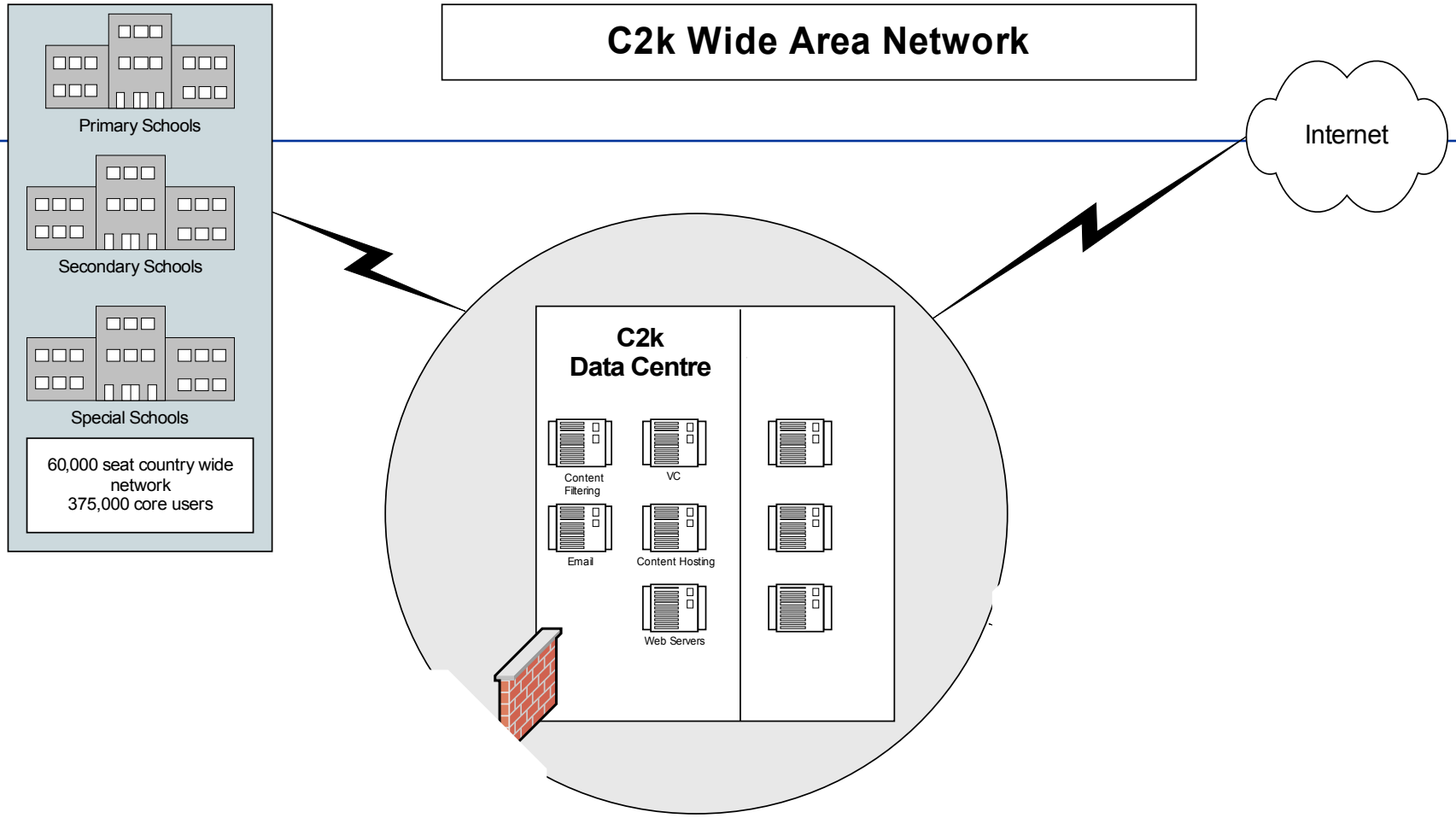
C2k Wide Area Network



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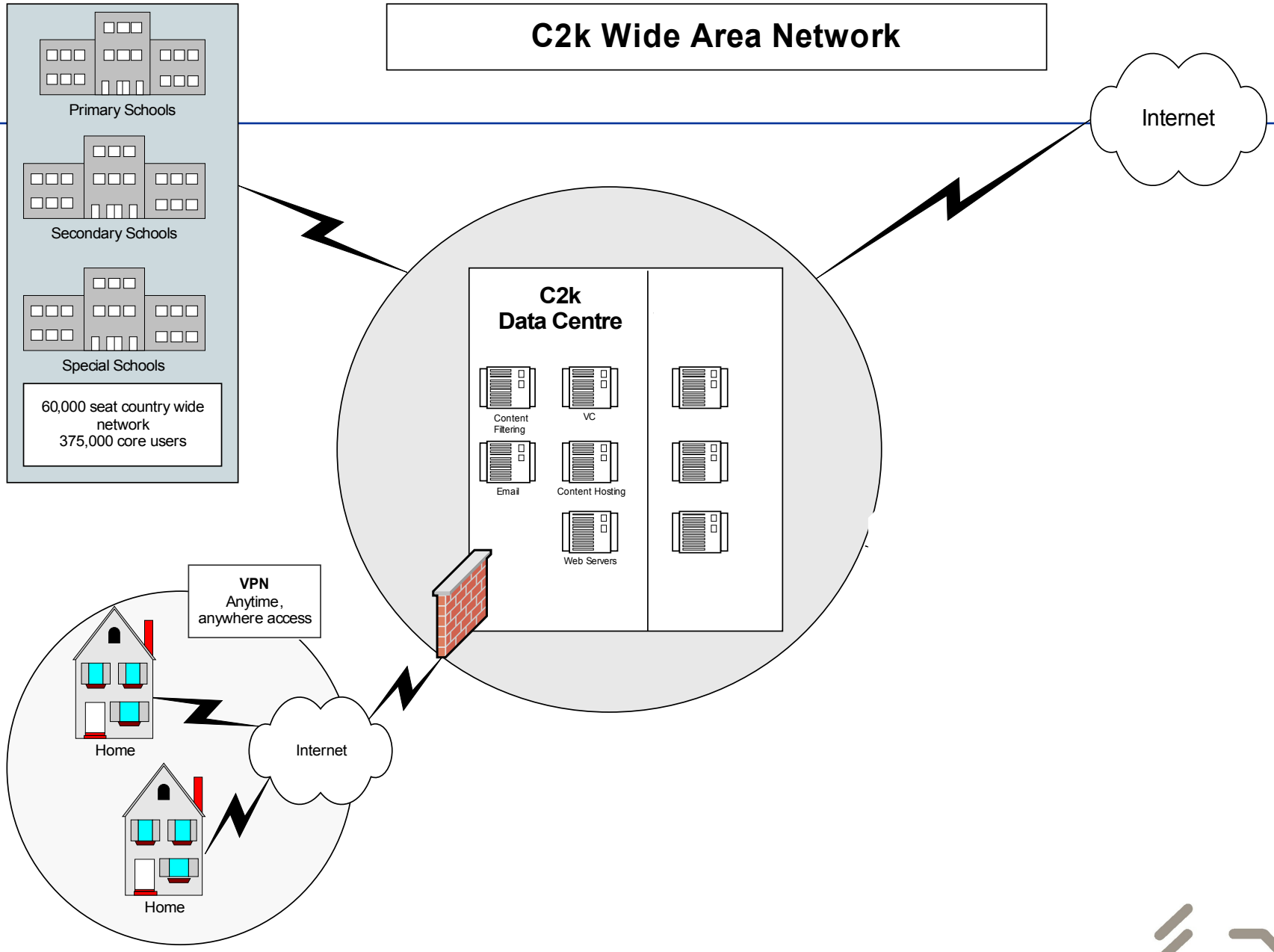

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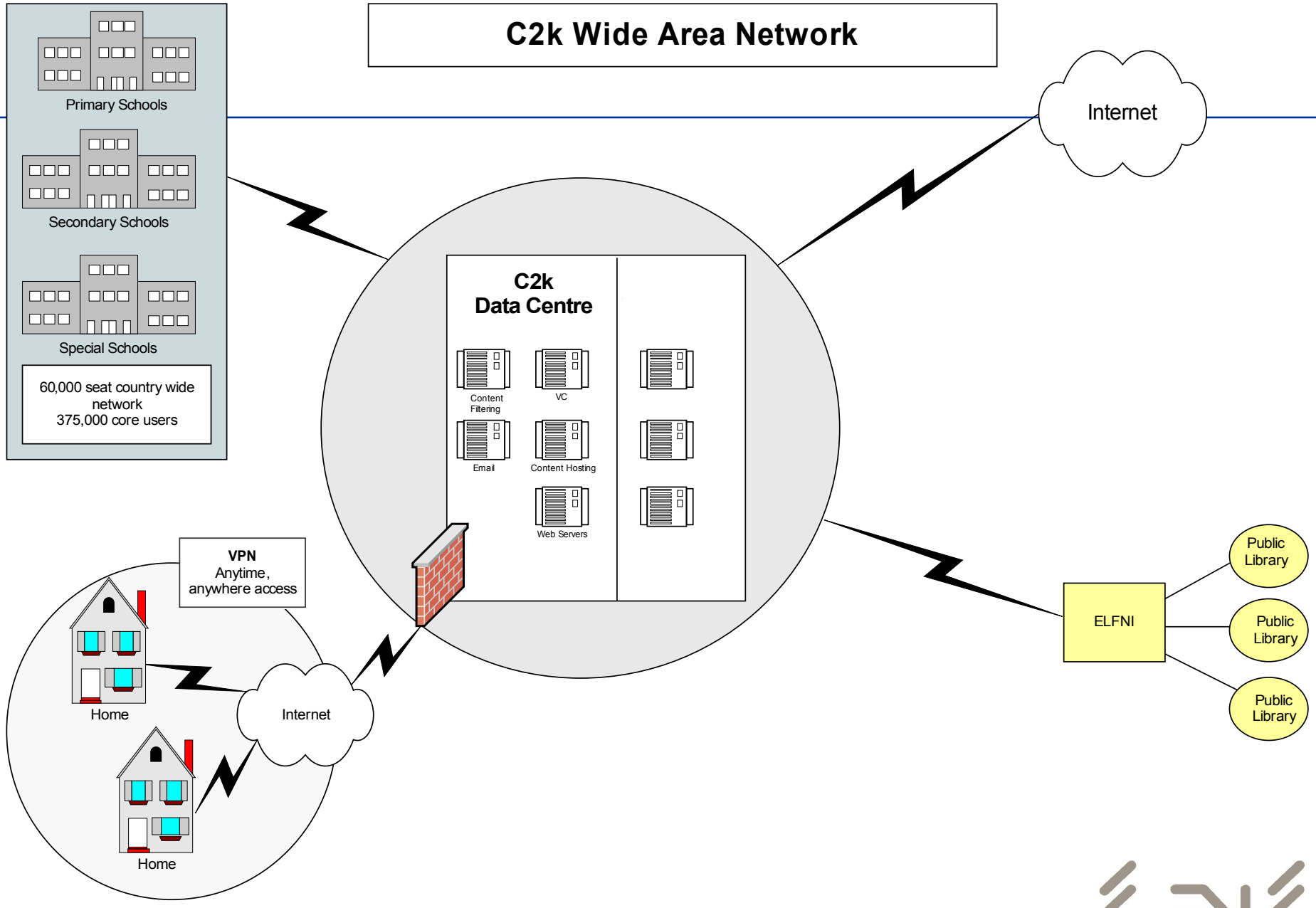
C2k Wide Area Network



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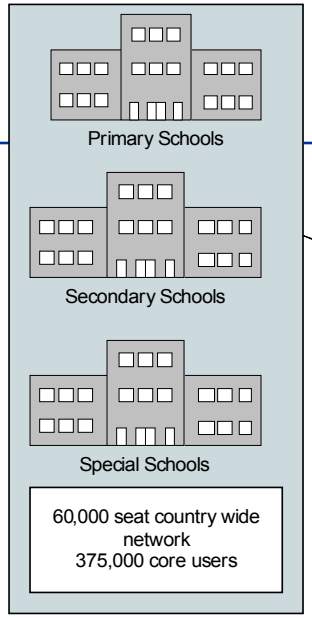
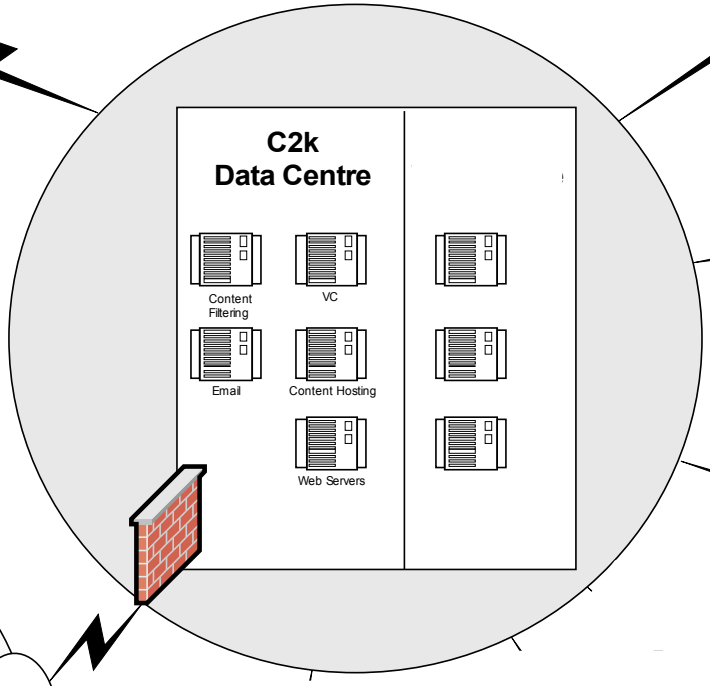
C2k Wide Area Network

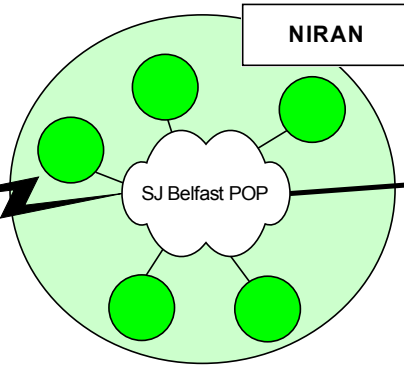




Internet

NIRAN

SJ Network



2.5 Gbit

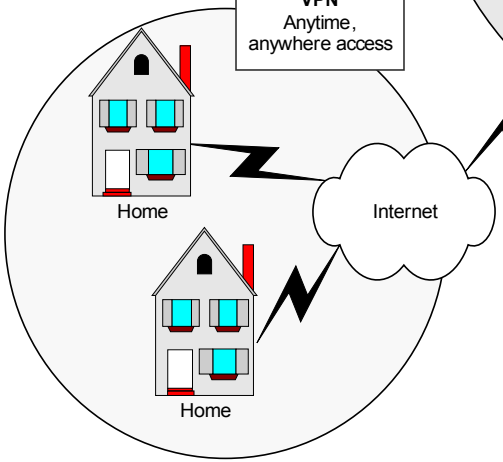
ELFNI

Public Library

Public Library

Public Library

VPN
Anytime,
anywhere access



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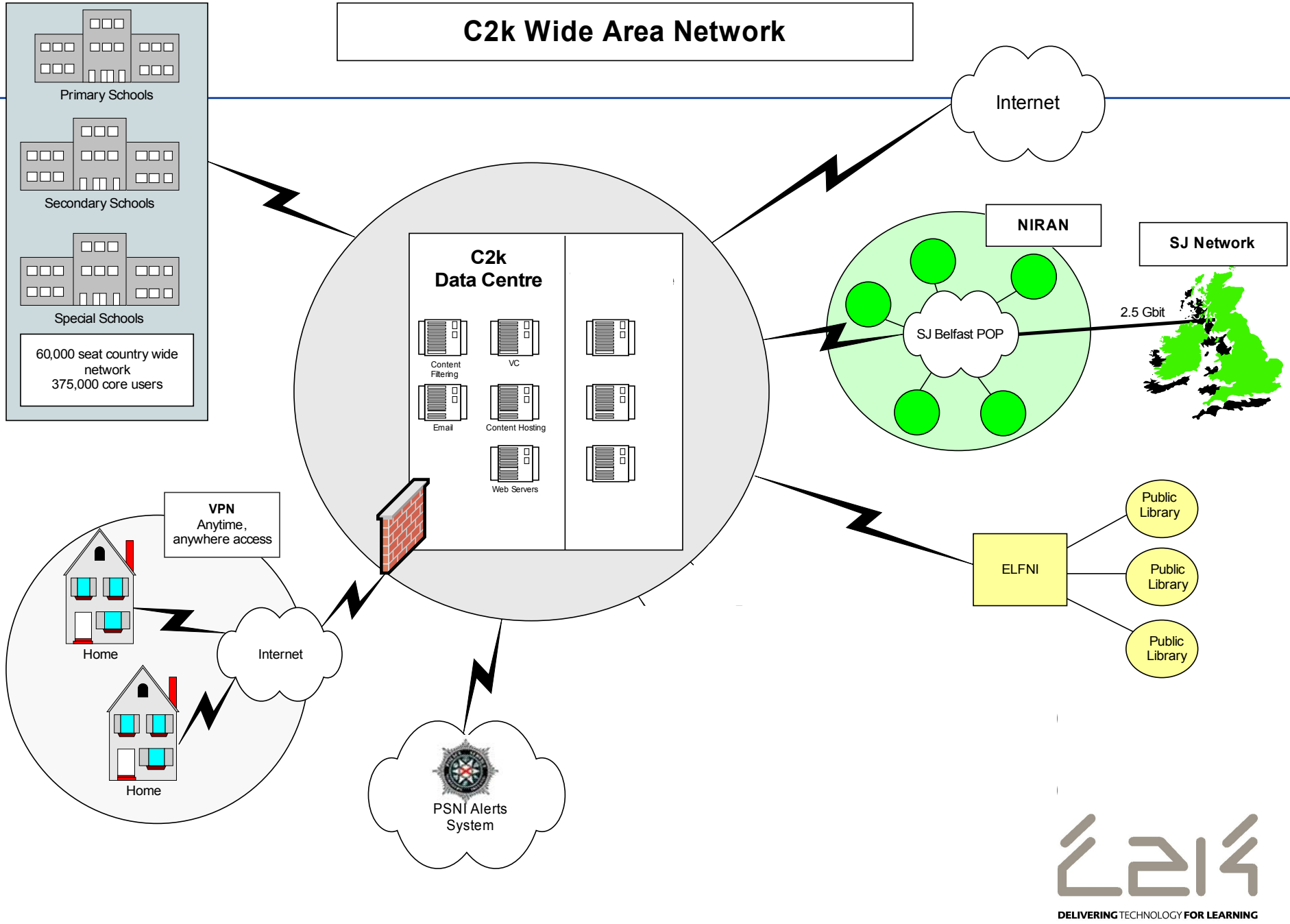

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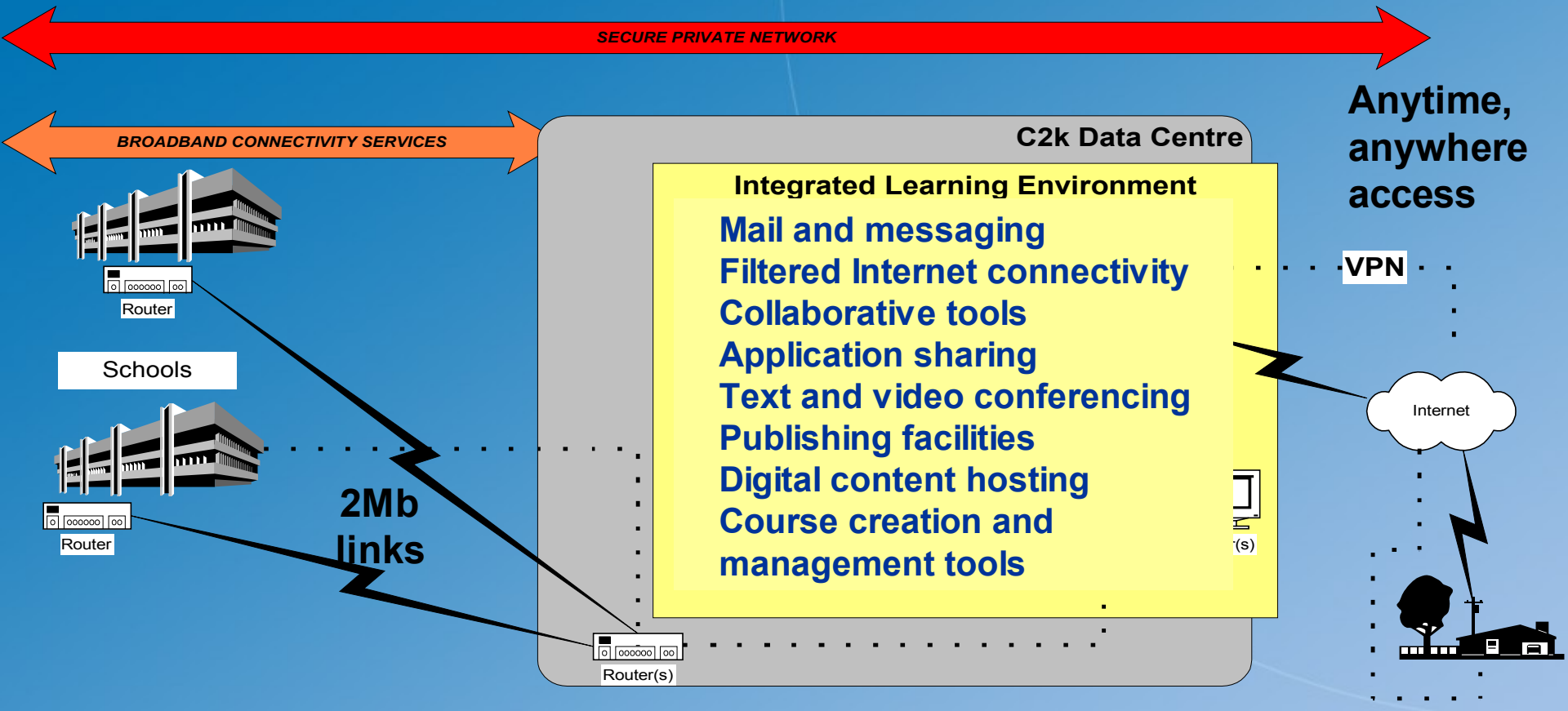
The C2k Provision

Across the country - LearningNI



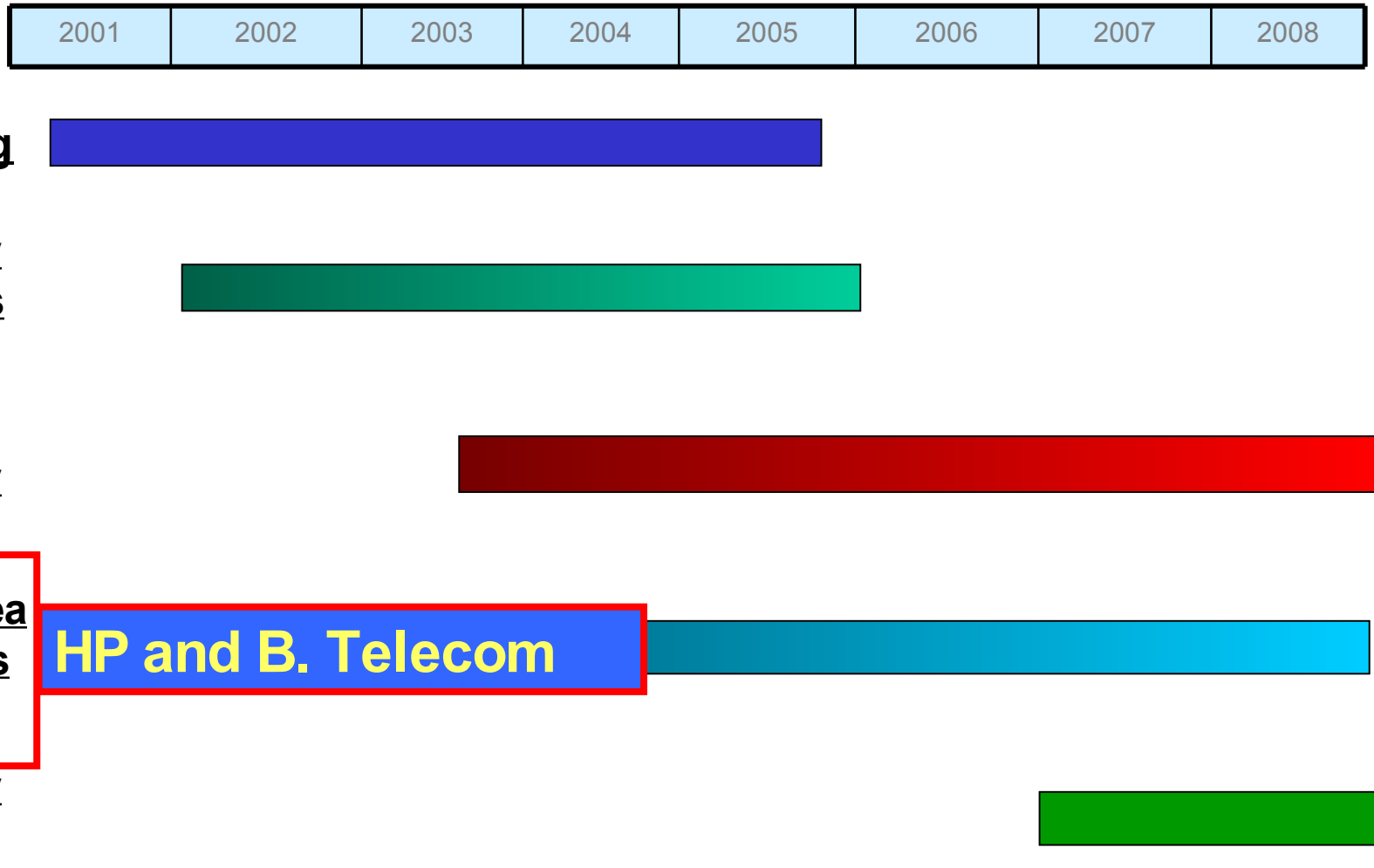
80,000 seat country-wide network

375,000 core users

Getting to where we are -

The journey of the last 5 years

The C2k Journey



DELIVERING TECHNOLOGY FOR LEARNING

Wide Area Services – Broadband Connectivity

Primary/special school

Wide Area Services – Broadband Connectivity

Primary/special school
118 aggregators

Primary school hubs

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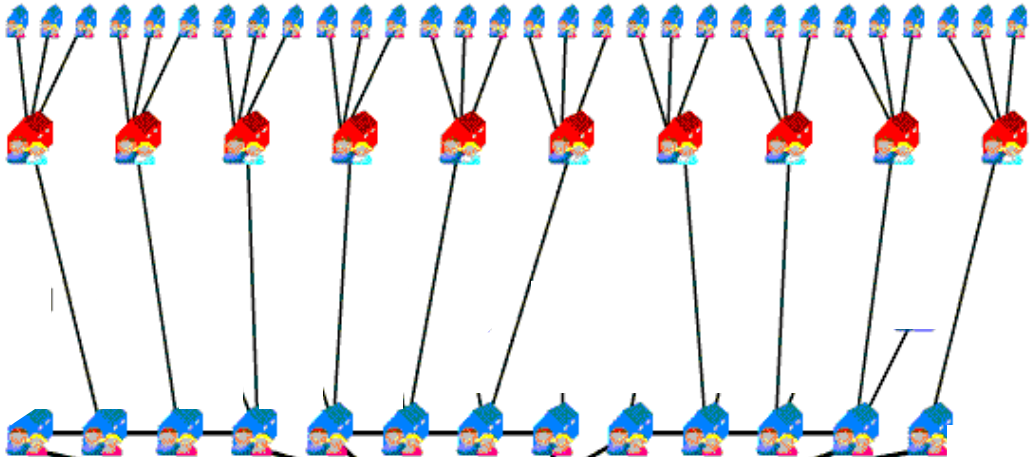
Wide Area Services – Broadband Connectivity



Primary/special school
118 aggregators
Primary school hubs

14 core hub sites

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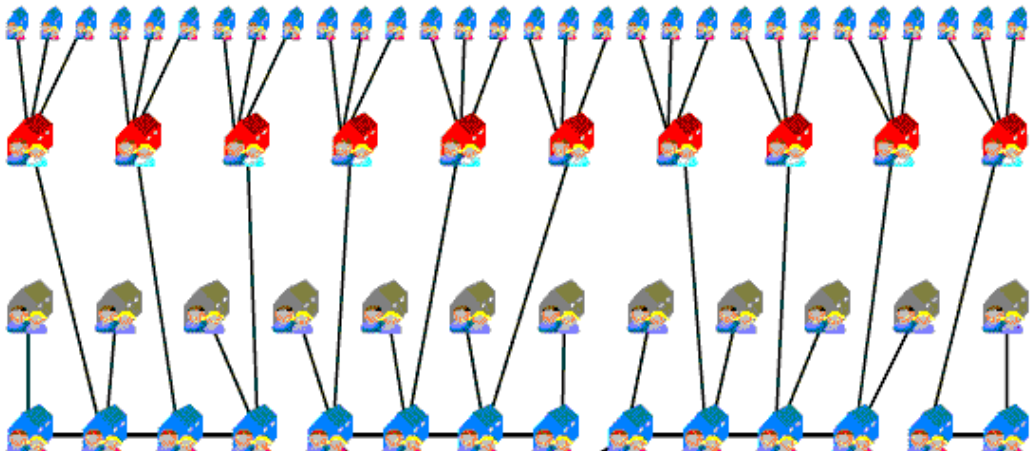
Wide Area Services – Broadband Connectivity



Primary/special school

118 aggregators

Primary school hubs

216 post primary directly connected to

14 core hub sites

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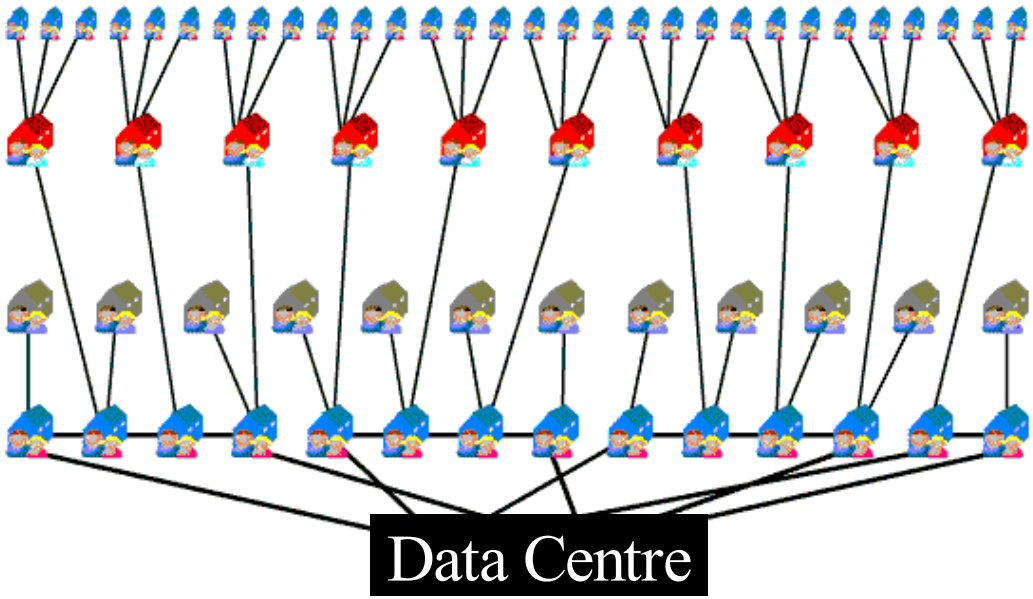
Wide Area Services – Broadband Connectivity



Primary/special school

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The Future

The Future

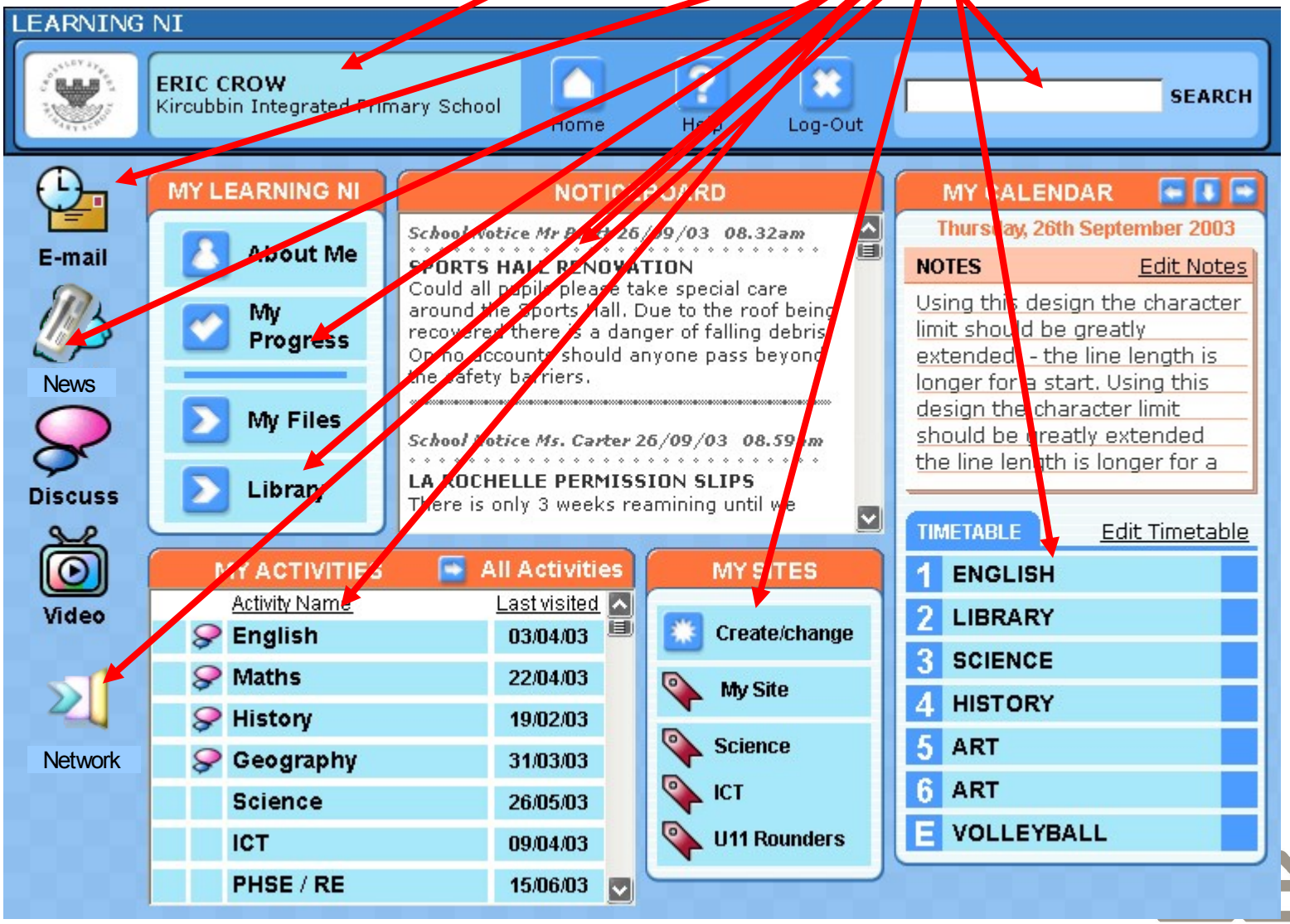
- eLearning
  - enhancing practice for learners
  - enhancing professional practice for teachers and leaders
  - enhancing professional support services

➢LearningNI

LearningNI

- New, online learning environment
  - Contracted by C2k
  - Built and maintained by hp
  - Content
    - Licensed from publishers
      - Adapted for N. Ireland
    - Provided locally
      - Schools, teachers, advisers, librarians, examiners
  - Safe, secure environment

Learn

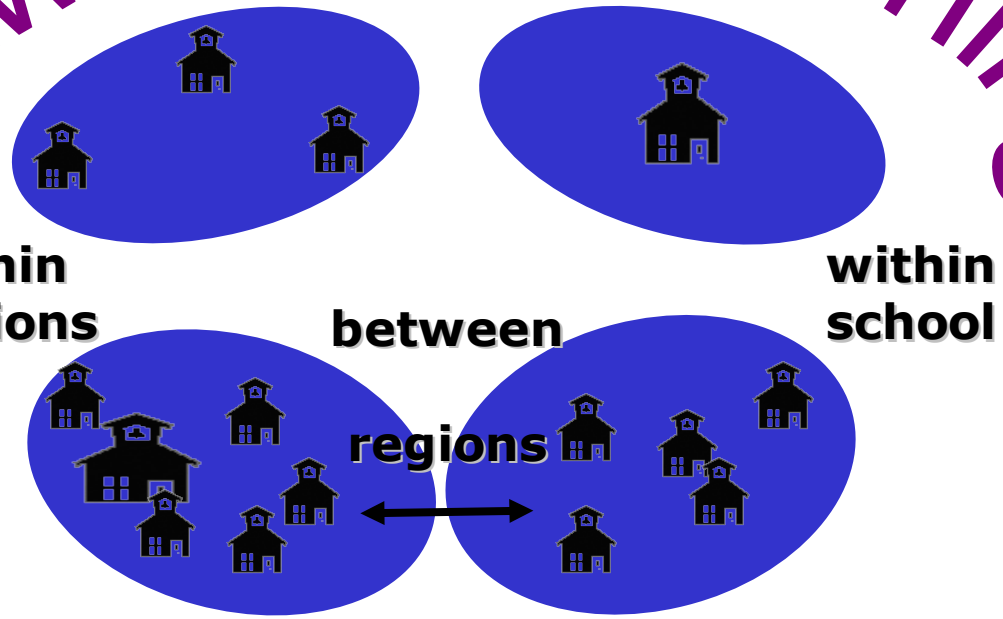


LEARNING NI
ERIC CROW
Kircubbin Integrated Primary School
Home
Help
Log-Out
SEARCH
E-mail
News
Discuss
Video
Network
MY LEARNING NI
About Me
My Progress
My Files
Library
NOTICEBOARD
School Notice Mr Brett 26/09/03 08.32am
SPORTS HALL RENOVATION
Could all pupils please take special care around the Sports Hall. Due to the roof being recovered there is a danger of falling debris. On no accounts should anyone pass beyond the safety barriers.
School Notice Ms. Carter 26/09/03 08.59am
LA ROCHELLE PERMISSION SLIPS
There is only 3 weeks reamining until we
MY CALENDAR
Thursday, 26th September 2003
NOTES
Edit Notes
Using this design the character limit should be greatly extended - the line length is longer for a start. Using this design the character limit should be greatly extended the line length is longer for a
TIMETABLE
Edit Timetable
1 ENGLISH
2 LIBRARY
3 SCIENCE
4 HISTORY
5 ART
6 ART
E VOLLEYBALL
MY ACTIVITIES
All Activities
Activity Name
Last visited
English 03/04/03
Maths 22/04/03
History 19/02/03
Geography 31/03/03
Science 26/05/03
ICT 09/04/03
PHSE / RE 15/06/03
MY SITES
Create/change
My Site
Science
ICT
U11 Rounders

The potential of online learning

online learning environment

networks of learning



1200 schools across 5 regions

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www.c2kni.org.uk