**Technology Integration Building Blocks in K-12**
5/3/2002

Y-axis (bottom to top): Acquisition of Core Set of Technology Tools · Initial Purchase · Deployment · Equity of Access · Continually Replaced · Skills Standards · People · Equity of Learning Experience · Learning Environment Enriched
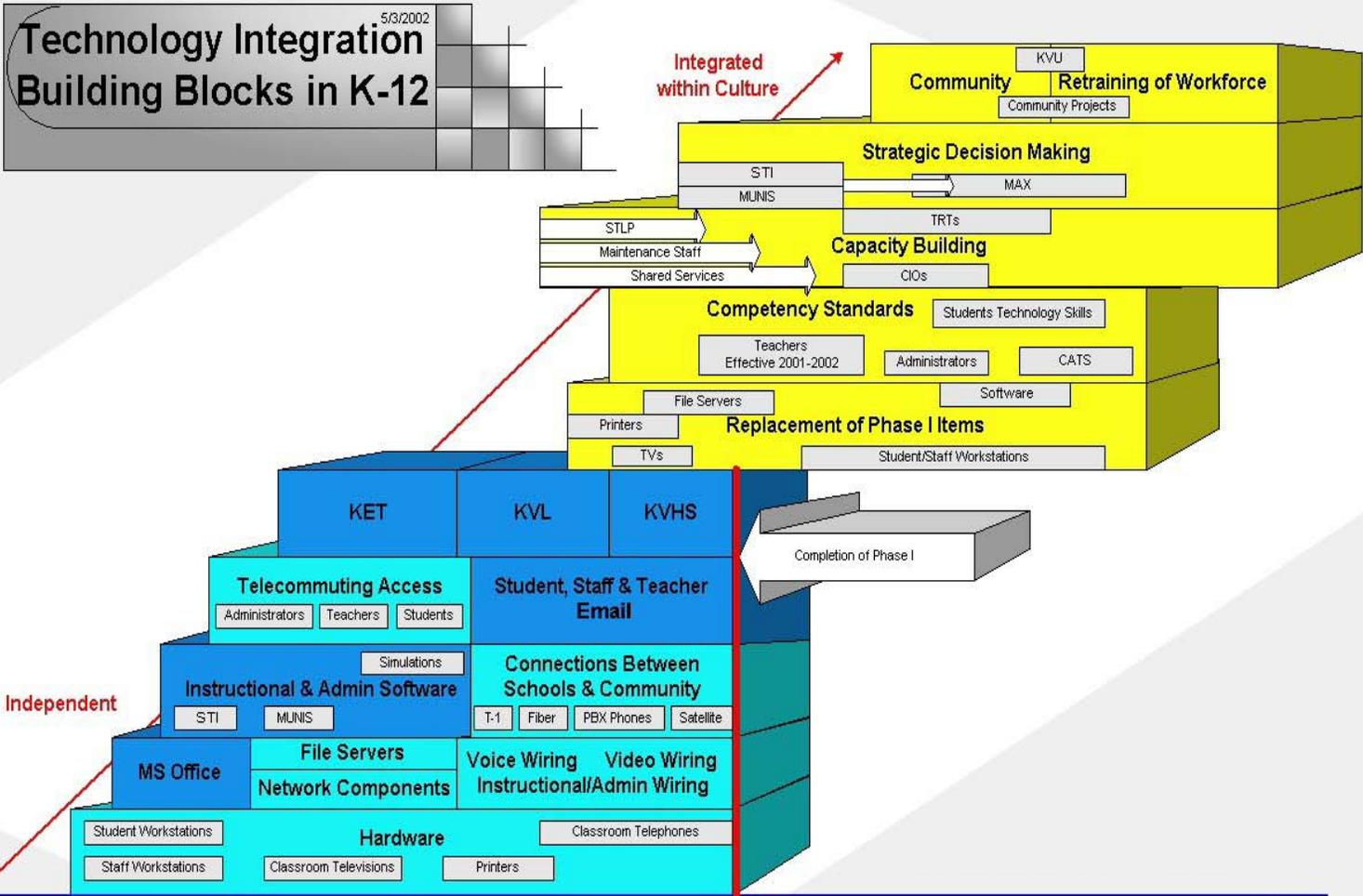
Integrated within Culture

Independent

**Community** — **Retraining of Workforce**
- KVU
- Community Projects

**Strategic Decision Making**
- STI
- MUNIS
- MAX
- TRTs

STLP
Maintenance Staff
Shared Services
CIOs

**Capacity Building**

**Competency Standards**
- Students Technology Skills
- Teachers Effective 2001-2002
- Administrators
- CATS

**Replacement of Phase I Items**
- File Servers
- Software
- Printers
- TVs
- Student/Staff Workstations

KET · KVL · KVHS

Completion of Phase I

**Telecommuting Access**
- Administrators · Teachers · Students

**Student, Staff & Teacher Email**

Simulations

**Instructional & Admin Software**
- STI · MUNIS

**Connections Between Schools & Community**
- T-1 · Fiber · PBX Phones · Satellite

**File Servers**
**Network Components**

**Voice Wiring    Video Wiring**
**Instructional/Admin Wiring**

**MS Office**

**Hardware**
- Student Workstations
- Staff Workstations
- Classroom Televisions
- Printers
- Classroom Telephones

**Implementation Schedule**

1992 · 2000 · 2006 · Beyond

# Network Infrastructure



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Video Infrastructure to Classroom TV | Phones in Classroom | Two Way Video Conference | E-Mail Accounts (Students Teachers Staff) | Schools Connected to Internet by High Speed Lines | Network Security Infrastructure | Classrooms Connected by High Speed Wire | Schools With Internet Libraries |

Labels: Digital, Trunk lines at needed ratios, Desktop Conferencing, Titanium, Schools via Fiber, Districts via Fiber, District Firewall, Windows 2003 (Active Directory in Districts), Spam Prevention, Private IP Network, State Firewall, Managed Virus Protection, Wireless, Text, Audio Video