eComstation 2.0

technology preview

Short history:

– eCS 1.0 releassed on July 30, 2001
– eCS 1.1 released in 2003
– eCS 1.2 released in 2004
– eCS 2.0 expected sometime in 2006 (See Roadmap)

Current version is eCS 1.2R GA (Media Refresh)

Coparison table of W4, eCS 1.x and eCS2.0

Feature	Warp 4	MCP1/MCP2	eCS 1.2	eCS 1.2R	eCS 2.0
Installs on IDE Harddisk > 4 GB	-	♦	♦	♦	♦
Installs on SATA IDE harddisk	-	-	-	♦	♦
supports JFS filesystem	-	♦	♦	♦	♦
OS installs on JFS volume	-	-	-	-	♦
Multi User environment	-	-	-	-	♦
support for ACPI	-	-	-	-	♦
improved MultiMedia support	-	-	♦	♦	♦
improved hardware detection	-	-	♦	♦	♦
OS install boots with basic USB detection (mouse/keyboard)	-	-	♦	♦	♦
OS install boots with USB MSD detection and support	-	-	-	♦	♦
Installation directly of booted CD (No-emulation mode)	-	-	♦	♦	♦

ships with IBM BonusPak, VoiceType	♦	-	♦	♦	♦
32 bit TCP/IP stack	-	♦	♦	♦	♦
ships with Java1.4, Mozilla, Plugins	-	-	♦	♦	♦
ships with Innotek WebPack	-	-	♦	♦	♦
includes Scitech SNAP/SE (IBM)	-	♦	♦	♦	-
includes Scitech SNAP/ENT for eCS	-	-	-	-	♦
single phase configuration during installation	-	-	♦	♦	♦
resize of NTFS and FAT32 partitions during installation	-	-	-	-	♦
support PptP/PPPoE	-	-	♦	♦	♦

New important improvements of eCS 2.0

- **ACPI support** needed for new hardware (AMD64, notebooks)
- **Improved HDD management** (partition resize during install and later on). Done by integrating limited version of DFSee
- **Bootable JFS** no more HPFS chkdsk time to wait at boot. Means rapid system boot and operation.
- **Support for multi-user desktops** (optional) based on Security/2 plus some GUI interface to manage SE/2 user acounts
- **Samba support** – build in Samba client/server to connect to Linux and Windows network resources. (See Samba at Netlabs.org)
- **Some TCP/IP updates** (new DHCP client, dial-up config tool, firewall etc).
- **Improved installation and migration options** based on modular system using XUL

Plans and realeses

Milestone 1 (M1) Installer Update (released)

contents:

- Bootable JFS
- updated NTFS.IFS
- support for installation on Athlon 64 system
- Updated (Mini)LVM to support Bootable JFS
- SNAP running from CD
- updated USB MSD drivers

Milestone 2 (M2) Visual Update (released)

contents:

- Desktop polishing
- eSchemes editor release
- eWPS updates
- updated installer based on XUL (Gecko engine, XML scriptable)
- DFSEE experimental resize feature

Milestone 3 (M3) Connectivity Update (mid Q2 2006 but delayed)

contents:

- Samba (Netdrive)
- TCPapps
- Firewall config tool
- MultiUser

eCS 2.0 Beta2 (M2) current features

This version of eComStation 2.0 is still purely intended as a technology proof. Some new items have been implemented:

- **SNAP/ENT** the special licensed version of SNAP by Serenity is in there, we boot Snap directly from CD-Rom (hires VGA for install process)
- **Bootable JFS**, this version is able to install on bootable JFS volumes and HPFS volume. Installing onto a bootable JFS volume will show a dramatic performance increase!
- **ACPI**, This version installs and detects ACPI
  If your system does not boot, check if ACPI is detected, you can disable ACPI support in page 2 of the preboot menu
- Updated snoopers
  These will provide better hardware detection/activiation during boot
- Removed installation phase 3, this results in a reduced number of reboots during installation
- Added DSSaver Screensaver
- Added **eSchemes** application, a new way to configure the look and feel of the desktop. This is considered highly experimental
- Added FAT32 and **NTFS (read-only)** drivers as optional installable feature
- Added **Firewall configuration utility**
- Replaced Mozilla with Firefox + Thunderbird

- VPN client for IBM AIX systems

Live show of eCS 2.0

- bootJFS (LVMgui view of disk)
- ACPI, SpeedCPU
- eSchemes
- Firewal GUI
- NTFS (read only)
- installation of eCS 2.0 ? Does anybody wants to see it ?

How to get eCS 2.0

eCS 2.0 Betas are distributed as ISO image for Software Subscription Services for eComStation users via betazone on www.mendist.com account. There is no public beta site available.

Need more informations ? Just look at following:

- www.ecomstation.com
- http://www.warpstock.net/WSE2005/Presentations/ - find the „eComstation – version 1.2 and Beyond presentation.
- www.netlabs.org
- betazone at eComstation.com
- Warpstock CZ 2006 DVD