



Εισαγωγή στην εξέλιξη της χρήσης του όρου της «ψηφιακής πόλης»

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Αμερικανική εμπειρία

- **Διασυνδεδεμένη πόλη - wired city**
- Βασικές αρχές
 - Σημασία της επικοινωνίας για την κοινωνία
 - Η νέα διάσταση των δεδομένων και η έμφυτη τάση της επίτευξης πιο αποκεντρωμένων τρόπων επικοινωνίας.
 - Με βάση αυτή τη διάσταση, είναι εφικτή μια πιο δημοκρατική προσέγγιση η οποία μιμείται την πρόσωπο με πρόσωπο επικοινωνία.
 - Ο προγραμματισμός μπορεί να οδηγήσει την ανάπτυξη.

Ενδεικτική βιβλιογραφία

- D. Schuler (1996) *New Community Networks: Wired for Change*. Addison Wesley, Reading, Mass.
- J. Cornford , A. Gillespie (1992) The coming of the wired city? The recent development of cable in Britain, *Town Planning Review*, 63 (3), doi: [org/10.3828/tpr.63.3.fp33602x32664183](https://doi.org/10.3828/tpr.63.3.fp33602x32664183)
- A.S., Targowski (1990). "Strategies and architecture of the electronic global village." *The Information Society: An International Journal*, 7(3): 187-202.
- S. Graham (1994). *Networking Cities: Telematics in Urban Policy - A Critical Review*. *International Journal of Urban and Regional Research* 18:3, 416-432.

Πιο γενικά:

- Li, F., Nucciarelli, A., Roden, S. & Graham, G. (2016). How Smart Cities Transform Operations Models: A New Research Agenda for Operations Management in the Digital Economy. *Production Planning & Control*, 27(6), pp. 514-528. doi: [10.1080/09537287.2016.1147096](https://doi.org/10.1080/09537287.2016.1147096)

Αμερικανική εμπειρία

- Προηγμένη διασυνδεδεμένη πόλη (advanced wired city)
- Η βασική ιδέα παρέμεινε αλλά δίνεται έμφαση στη χρήση **πιο προηγμένων τεχνολογιών δορυφορικών επικοινωνιών.**
- Χαρακτηριστικό παράδειγμα: Ηλεκτρονικό Χωριό Blacksburg (Blacksburg Electronic Village ή BEV), Βιρτζίνια των Η.Π.Α.

Blacksburg Electronic Village ή BEV

- Συνεργασία δημόσιου / ιδιωτικού τομέα μεταξύ της πόλης Blacksburg, του πανεπιστημίου Virginia Tech, και της τοπικής εταιρίας τηλεπικοινωνιών Bell Atlantic.
- Διαφορετικά **κίνητρα** και προσεγγίσεις ανά περίπτωση εταιρίου

Blacksburg Electronic Village ή BEV

- 1993, επίσημη λειτουργία
- Στόχος
 - σε κάθε σπίτι, επιχείρηση, και αίθουσα διδασκαλίας της πόλης σύνδεση στο δίκτυο.
 - πρόκληση για τις επιχειρήσεις να δοκιμάσουν νέα προϊόντα και μηχανισμούς διανομής στους κατοίκους του Blacksburg.

Blacksburg Electronic Village ή BEV

with residents learning to navigate the early internet at the local Montgomery-Floyd Regional Library.



The BEV's homepage in June 1996, with links to the Village Mall, community events, and Usenet News groups. | John M. Carroll and Mary Beth Rosson's "Developing the Blacksburg Electronic Village."

The earliest incarnation of the BEV was rudimentary. It contained an email system, file

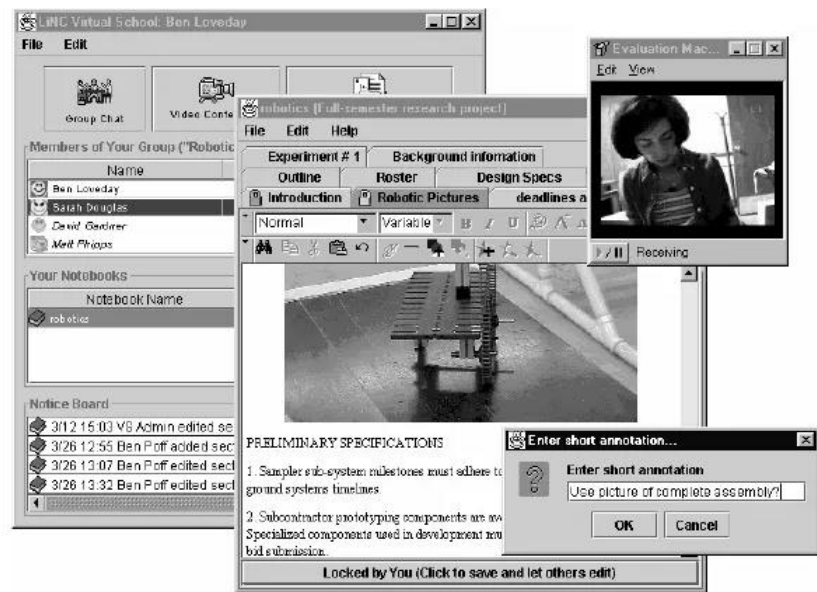
Ενδεικτικά:

C. Sears (1996) (Re)visions of the Village: Building and Participating in the Blacksburg Electronic Village. Masters Thesis, Center for Science and Technology Studies, Virginia Tech, Blacksburg, Va., 1996.

Και

J. M. Carroll (2003) , The Blacksburg Electronic Village: A Study in Community Computing, Conference: Digital Cities III, Information Technologies for Social Capital: Cross-cultural Perspectives, Third International Digital Cities Workshop, Amsterdam, The Netherlands, September 18-19, 2003, Revised Selected Papers

Blacksburg Electronic Village ή BEV



*An image of the virtual school project, a collaboration between Virginia Tech and Montgomery County teachers. Students communicated with each other via an interactive science notebook application, video conferencing, and an email system.
 | From John M. Carroll's "The Blacksburg Electronic Village: A Study in Community Computing."*

Ενδιαφέρουσα προσέγγιση στο:

<https://www.lri.fr/~mbl/ENS/CSCW/2013/papers/Carroll-CACM96.pdf>

Blacksburg Electronic Village ή BEV

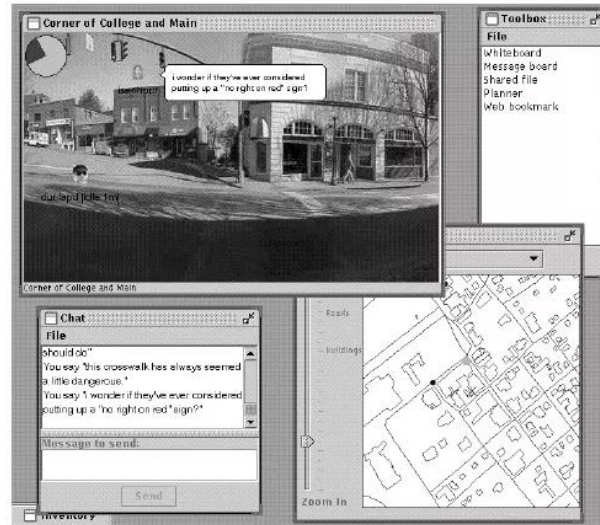


Fig. 8. MOOSburg¹⁷

MOOSburg, a form of multi-user domain, was created as an addition to the BEV. It provided real-time, situated, place-based information to community members, relying on the actual geography of Blacksburg. It was designed to make the BEV more interactive and to help users feel like it was a "real" place. | John M. Carroll's "The Blacksburg Electronic Village: A Study in Community Computing."

Μπορείτε να δείτε εδώ: <https://www.theverge.com/2016/12/14/13923952/blacksburg-electronic-village-virginia-tech-digital-community-internet>

Αμερικανική εμπειρία

TECH

WHAT HAPPENED TO THE MOST-WIRED TOWN OF THE 1990S?

An experimental online community was ahead of its time, then the internet passed it by

By [Tamara Kneese](#) | Dec 14, 2016, 3:50pm EST

   SHARE

In August 2015, residents of Blacksburg, Virginia, received a message announcing that the end of their digital community was imminent. For over two decades, people had chatted, checked store hours, shared memories, and emailed each other using the Blacksburg Electronic Village — an early community network widely referred to as the BEV. The announcement was met without fanfare: while the BEV was an important early experiment in online community, it had long been rendered obsolete by a proliferation of Wi-Fi networks and social networking platforms. At the time of the announcement, the once vibrant network had dwindled to roughly 65 customers. The internet had passed it by.

But when the BEV launched, it was state of the art. Starting in 1991, Virginia Tech, the town government of Blacksburg, and Bell Atlantic's Virginia subsidiary, known as Chesapeake and Potomac Telephone, came together to plan the network. It was touted as a way of connecting the university community to Blacksburg, thus improving town-and-gown relations. Bell Atlantic, interested in changing the structure of telecommunications and overtaking foreign competitors, also viewed the BEV as a commercial investment.

Before the BEV could launch, infrastructure needed to be built. Virginia Tech set up

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Αμερικανική εμπειρία

BLACKSBURG electronic village

Welcome to the Blacksburg Electronic Village.

Home Initiatives Local Links Village Mall Organizations About Us Help/FAQ

Welcome to BEV.net! [See what's new »](#)

Events [Map view](#)

Blacksburg Farmer's Market
 March 14, 2020 time: 10am-2pm location: Blacksburg Market Square
 The Blacksburg Farmer's Market happens every week in Blacksburg Market Square (Saturdays only January - March, Wednesdays and Saturdays April - December). Come see live music, sample fresh harvested produce, or spin a hula hoop in the sunshine. More than a market, it's a community gathering place, with a full calendar of entertainment and educational activities. See www.blacksburgfarmersmarket.com for lots more information.

Canceled: Christiansburg-Blacksburg Rotary Club Spring Blood Screening
 March 28, 2020 time: 6:30am - 10:00am location: LewisGale Hospital Montgomery
 The Spring Blood Screening scheduled for March 28th has been canceled as a precautionary measure. While there has yet to be a confirmed case of COVID-19 in the New River Valley, we are approaching the situation with an abundance of caution. Thank you for your understanding. We hope to see you at our Fall Blood Screening event. For more information, see <https://www.facebook.com/ChristiansburgBlacksburgRotary/>.

BEV Transition

- What's happening, when, and why
- Planning your transition to other service providers

Local News

Goodwin: "We will get through this. I think."
 NRV's "Fish Ladies" retiring, "Fish Kids" taking over
 Radford University president refutes latest alleged newspaper theft
 Drunken-driving charge dropped in Christiansburg case of surgeon who hit pedestrian
 Christiansburg Farmers Market prompts debate, job change proposal

Local Sports

High school notebook: Remaining tickets

Ενδεικτικά εδώ:

<http://www.bev.net/Initiatives>

Η εμφάνιση των πρώτων κοινοτικών δικτύων

- Είναι τοπικά.
- Προσφέρουν καθολική πρόσβαση.
- **Στοχεύουν στην κοινωνική αλλαγή και την ανάπτυξη της κοινότητας.**
 - Ενισχύουν την επικοινωνία (α) μεταξύ των κατοίκων, (β) μεταξύ κατοίκων, τοπικής αυτοδιοίκησης και θεσμικών οργάνων
 - Διευκολύνουν την παροχή και την ανταλλαγή των τοπικών πληροφοριών.

Δίκτυο «Community Memory»

- Το πρώτο κοινοτικό δίκτυο δημιουργήθηκε από το Πανεπιστήμιο του Μπέρκλεϋ στην Καλιφόρνια για να συμβάλει στην ενίσχυση της τοπικής κοινότητας.
- Τερματικά του δικτύου τοποθετήθηκαν σε μια ποικιλία δημόσιων χώρων.
- Τα τερματικά αυτά μπορούσαν να χρησιμοποιηθούν δωρεάν για ανάγνωση πληροφοριών, ενώ οι χρήστες έπρεπε να πληρώσουν μικρό αντίτιμο για να δημοσιεύσουν την άποψή τους ή για να ξεκινήσουν ένα νέο φόρουμ.

