

e-
trikala

... the vision
becomes
action

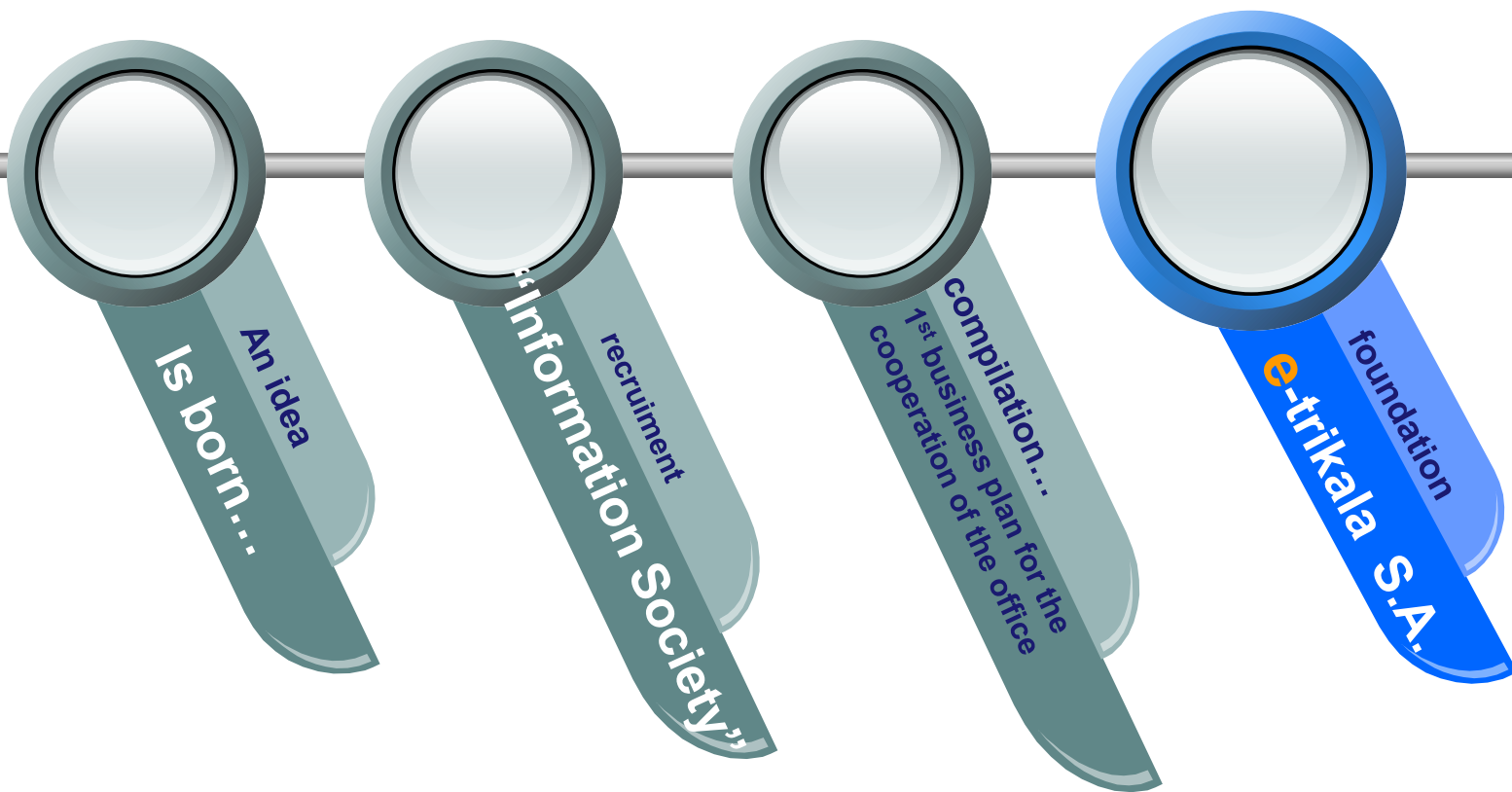
2002-2010



e-trikala
e-services for the citizens

e-trikala ...the evolution

2002 → 2003 → 2004 → **2008**



2002...The idea is born

Digital City

Use of ICT

Improvement
Of citizens'
Everyday life

Enhancement
Of the local
economy

Emergence
Of anticipation
acts

Guarantee
of citizens'
life

Enhancement of
Participation
and
Democracy

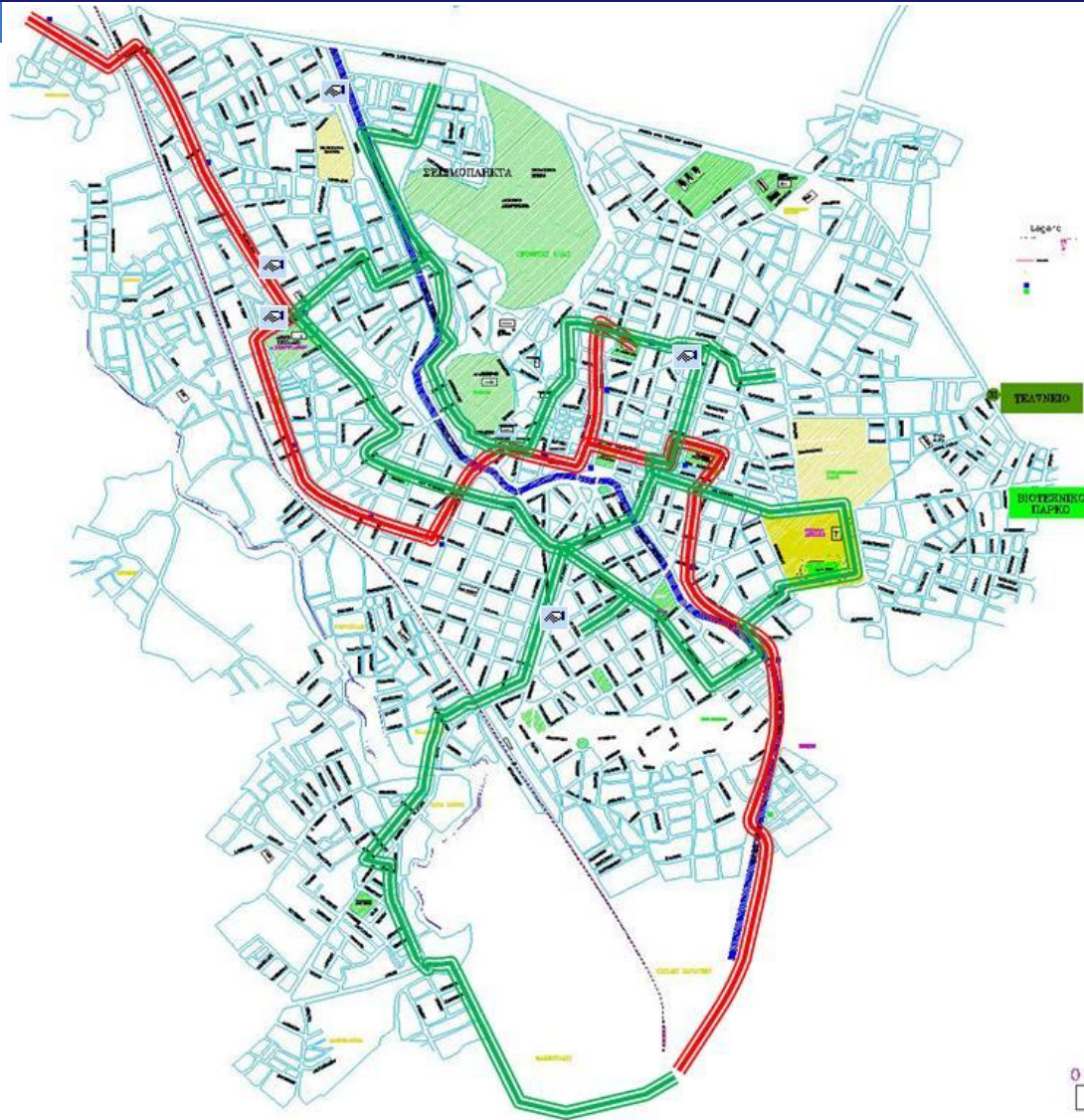


Wireless Networks

Wi Fi technologies are developing very fast during the last years, due to:

- Ease of installation
- Low cost
- Remote maintenance and repair
- Fast expansion
- Big range of coverage
- High bandwidth (up to 100Mbps)

35 kilometers of fiber optic



The Municipality of Trikala case

37 nodes
In total

Over
12.000 users

- Free of charge internet access
- Safe since it blocks web pages :
for “illegal” download of songs, games and movies with pornographic material

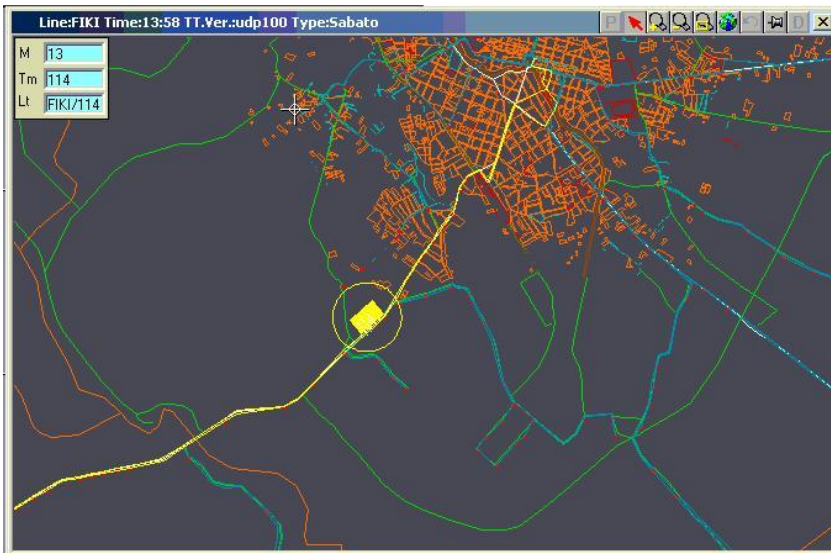


Municipality of Trikala - Intelligent transportation system

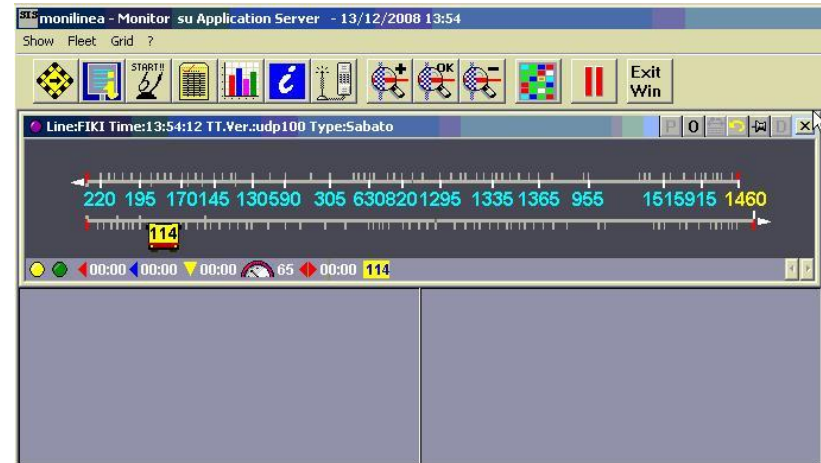
Tracking system for the managing of municipal vehicles

Municipal buses tracking system

Cartographic depiction of a route



Linear depiction of a route

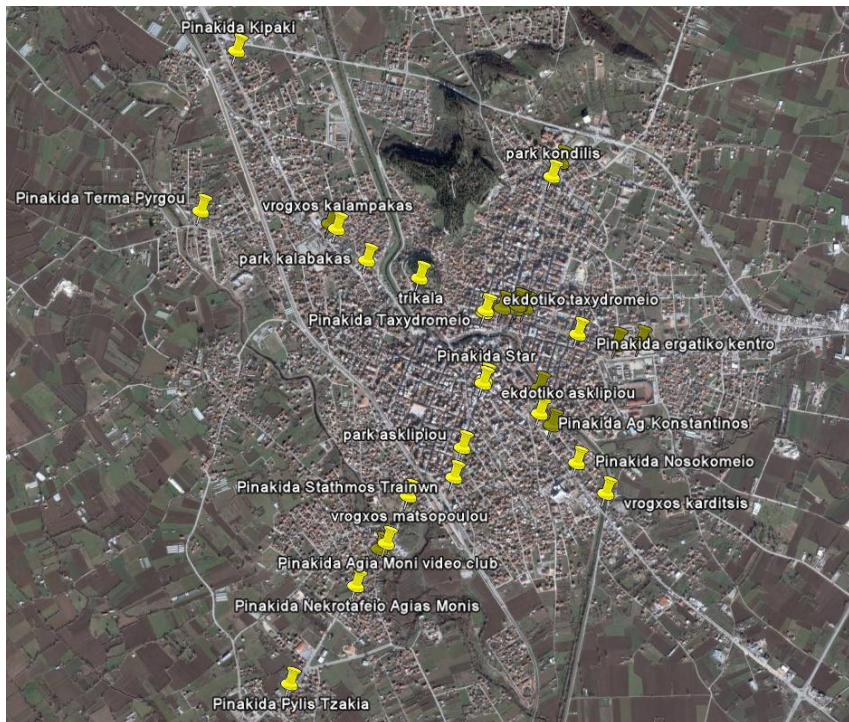


Inductive loops for measuring traffic data

Managing free parking spaces

Municipality of Trikala - Intelligent transportation on the web

Depiction of Intelligent transportation spots



Digital information board



Municipality of Trikala - G.I.S.

Places of interest
(pharmacies, hotels, amusement, etc)

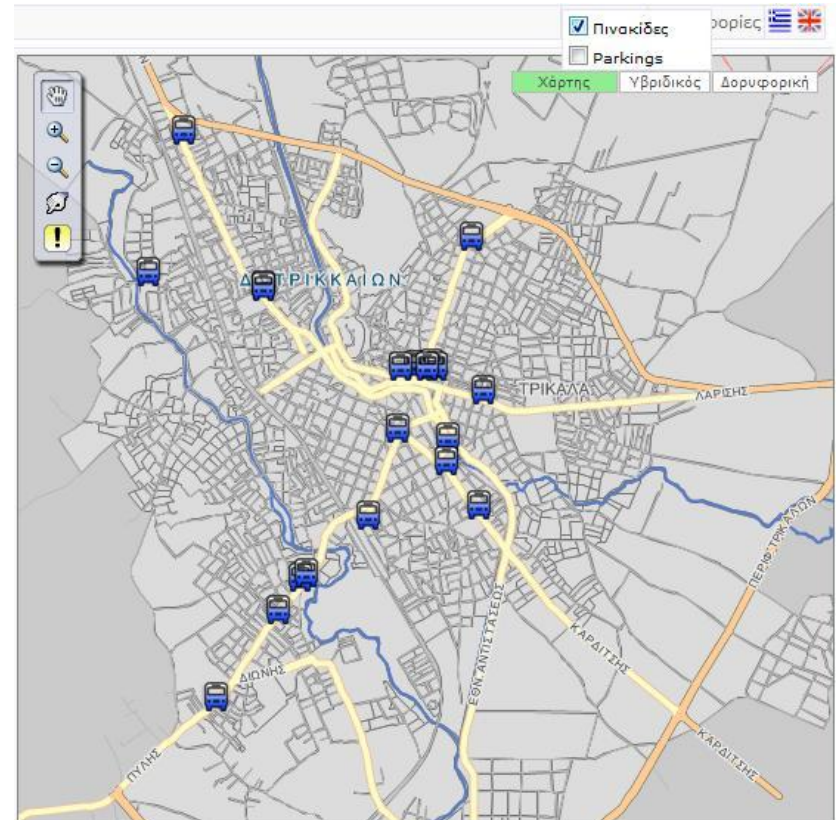
Design and estimation of routes

Citizens' request reports and tracking of problem

Building details

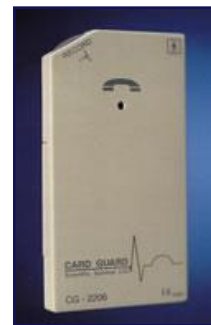
Land uses

Land values



E-health project

1. **Biological tele- measurement for people suffering from hypertension (home use)**
2. **Special program for people suffering from chronic heart problems (home use)**
3. **Special program for people suffering from bronchial asthma (home use)**
4. **e-health services and personal health smart cards for the ROMA**



INTERGRADED WEBPAGE FOR INFORMING AND SERVICING THE CITIZENS

Αρχή | Τρίκαλα, Δήμος Τρικαίων, trikala.city.gr

Επιλογές: Είσοδος | Εγγραφή | Εξουσιοδότηση

Δήμος Τρικαίων
www.trikalacity.gr

Δείτε την πόλη από ψηλά... τώρα!

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΠΕΡΙΦΕΡΕΙΑ ΤΡΕΣΣΑΛΙΑΣ
ΔΗΜΟΣ ΤΡΙΚΑΙΩΝ

Αρχή | Αρχίνα Διαδρομή | Πολιτικά | Φιλοσοφικός | Ακαδημία Τρικαίων | Επαγγελματικές Ομάδες | Ψηφιαφικός

Εκκίνησε το ενδιαφέρον σεμινάριο για την Πρωτοβάθμια Φροντίδα Υγείας
Σύμφωνα με απόφαση της Επιτροπής της ιδιωτικής τηλεόρασης
Εκχαριστικές απεργιακές συγκεντρώσεις
Ψηφισμοί του αρχείου του 5. Γαλαξία
Εκχαριστικές απεργιακές συγκεντρώσεις

Εκκίνησε το ενδιαφέρον σεμινάριο για την Πρωτοβάθμια Φροντίδα Υγείας
Παρακάτω αρχικά πληροφορίες του λογισμικού έχουν δοθεί σύμφωνα με απόφαση της Επιτροπής Δικαιώσεων στην Καλαμπόκα το οποίο υποδομικό σημείο της Θεσσαλονίκης «Εθνική Σχολή Στρατού».

Από το Τρίκαλα
Από το Τρίκαλα
Από το Τρίκαλα
Από το Τρίκαλα
Από το Τρίκαλα

ηλεκτρονικές υπηρεσίες
e-trikala
GIS χάρτης
ΔΗΜΟΣΙΟ ΕΝΗΜΕΡΩΣΗ

ΕΙΔΗΣΕΙΣ | ΧΡΗΣΙΜΑ | ΑΤΖΕΝΤΑ | ΚΙΝΗΜΑΤΟΓΡΑΦΟΙ

ΤΕΛΕΥΤΑΙΑ ΝΕΑ

ΔΗΜΟΦΙΛΕΣΤΕΡΑ ΣΗΜΕΡΑ

ΣΥΝΔΕΣΗ ΜΕΛΩΝ

Όνομα χρήστη *
Συνθηματικό *

Δημοφιλής καρδιά για το Τρίκαλα σε ψηφιακό μετρητή
Η θερμοκρασία τώρα: 19.7 °C, υγρασία: 93 (0.30)

Πλοήγηση
Μυρσώ
Πρόσφατες επισκέψεις

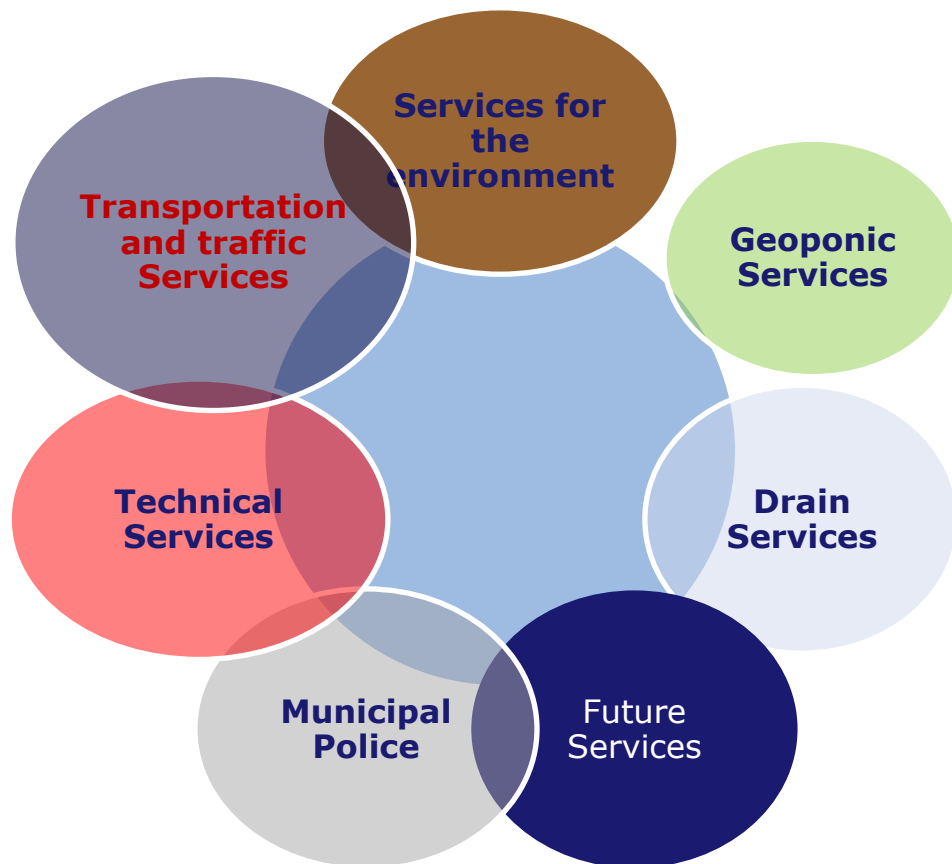
Electronic services





For managing the municipality's everyday functional issues and complaints

- Replacement of light bulbs
- Litter collection
- Managing pavement problems
- Management of parking spaces
- Managing drain and sewage issues
- Collection of stray animals
- Cleaning of roads and side roads
- Cleaning of schools



...ways of communication

- Free of charge phone line: 800-1117-800
- e-mail: dimosthenis@e-trikalagr
- Through the Municipality's webpage: <http://www.trikalacity.gr>

Smart cards

...success stories with the support of e-trikala

- Its use as a health data card for the ROMA

The screenshot shows the 'eHealth' web interface with a sidebar on the left containing menu items like 'Στοιχεία κάρτας', 'Γενικά στοιχεία', 'Προσωπικά Δεδομένα', 'Ασφαλιστικά Δεδομένα', 'Προσωπά Συμμετοχών', 'Ψευδώνυμο', 'Ιατρικά στοιχεία', and 'Επείγουσα περιποίηση'. The main content area is titled 'Προσωπικά Δεδομένα' and contains a form with the following fields:

Επίσημο Όνομα	Παπαϊοάννου Κωνσταντίνος	Όμιλο Αίματος	AB+		
Όνομα	Κωνσταντίνος	Φύλο	Ανδρας		
Ημέρα Γέννησης	06/03/1947	Διευτηρίο Οργάνων	☑		
Όνομα Πατέρα	Παναγιώτης				
Όνομα Μητέρας	Μαρίλη				
Πατρικό Μητέρας	Νεοφύλλου				
Πρόσφατο Εισακτικό Επώνυμο	Κωδικός Εγγράφου Σχετικής Αίτησης		11423		
	<input type="checkbox"/> Ονοματεπώνυμο Προσώπου Εκτάκτου				
Διεύθυνση	Βουλής 31-33	Τηλέφωνο Οικίας	2102394654	Τηλέφωνο Εργασίας	2102238935
Πόλη	Αθήνα	Ταχ. Κώδικας	10293	Τηλέφωνο Κινητό	6942973265
Αριθμός Δελτίου Ταυτότητας (ΑΔΤ)	2102238935	Εκδόσεως Ασύχ	3907143004		
Αριθμός Φορολογικού Μητρώου (ΑΦΜ)	9467023474	Αριθμός ΔΟΥ	Αθηνών		
Σχόλια					

Easy storage of multiple data

Information is available through by using a PIN code

Only authorized users have access to the stored data

The screenshot shows the 'eHealth' web interface with a sidebar on the left containing menu items like 'Στοιχεία κάρτας', 'Γενικά στοιχεία', 'Ιατρικά στοιχεία', 'Ιστορικό Κατόχου', 'Αλλεργίες', 'Ιστορικό Επισκέψεων', 'Νοσοκομειακή Περιποίηση', 'Οδοντιατρικά Παιριόληση', 'Προβλέψεις', 'Φαρμακευτική Αγωγή', 'Εξετάσεις', 'Σχόλια', and 'Επείγουσα περιποίηση'. The main content area is titled 'Ιστορικό Επισκέψεων' and contains a form with the following fields:

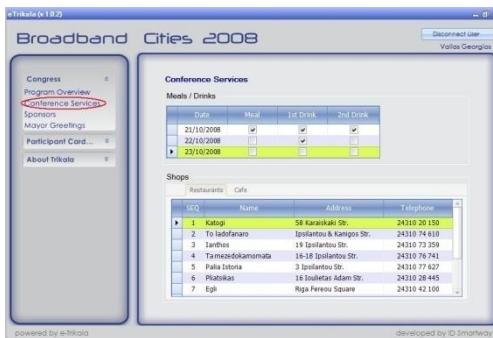
Κωδ. Επισκέφτης	211726	Ημερομηνία	25/06/2008	Κωδικός Ιατρού	11121
Διάγνωση					
Ενημέρωση της κάρτας επείγουσας περιποίησης	<input type="checkbox"/>				
	<input type="button" value="Εξετάσεις"/>	<input type="button" value="Φαρμακευτική Αγωγή"/>	<input type="button" value="Επιστροφή"/>	<input type="button" value="Αποστολή"/>	
Εξετάσεις	Α/Α Κωδικός Επισκέφτης	Κωδικοί Σχετικών Εγγράφων Παραγγελίας εξετάσεων	Κωδικοί Σχετικών Εγγράφων Αποστολών		
Φαρμακευτική Αγωγή	Α/Α Κωδικός Επισκέφτης	Φάρμακο	Ποσότητα / Δόση		



Smart cards

... success cases with the support of **e-trikala**

➤ Its use as a conference card (Broadband Cities 2008)



➤ Better service for the invited attendees

➤ Security

➤ Simplification of procedures

➤ Service delivery

➤ Pre paid services

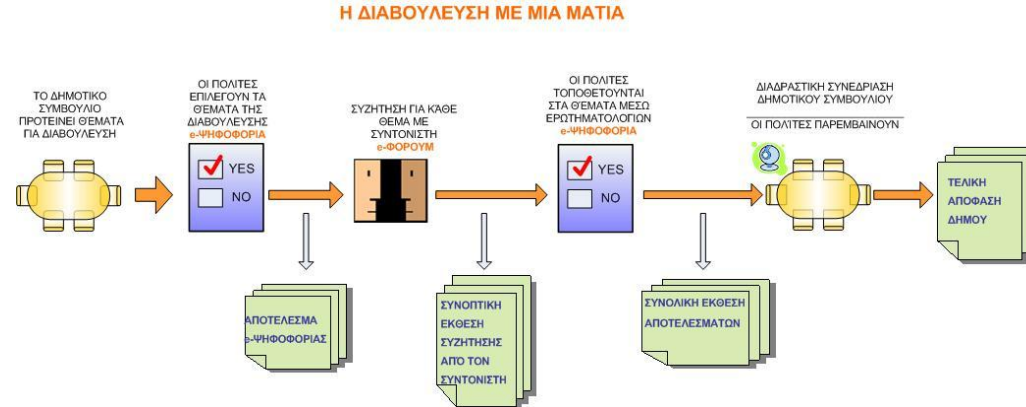
➤ Input of basic health data

➤ Capability of incorporating extra files, which the owner is able to print at any time needed



An innovative e-participation project for the Greek as well as the European standards

Target: the use of new technologies for the citizens' active participation in the Municipality's decision making processes



1. **Electronic polls**
2. **Collection of e-signatures**
3. **Electronic forums**

...combined to the live streaming of the municipal council's sessions

Mobipark: parking with the use of cell phones

- Drivers are able to use parking places by using their cell phone
- Extend parking time by sending an sms
- Future service: reserve a parking place by sending an sms





Touristic services

- ❖ The website www.trikala-tourism.gr offers to the visitor the opportunity to book on-line for a hotel room.
- ❖ In combination, the visitor has access to various useful city information.



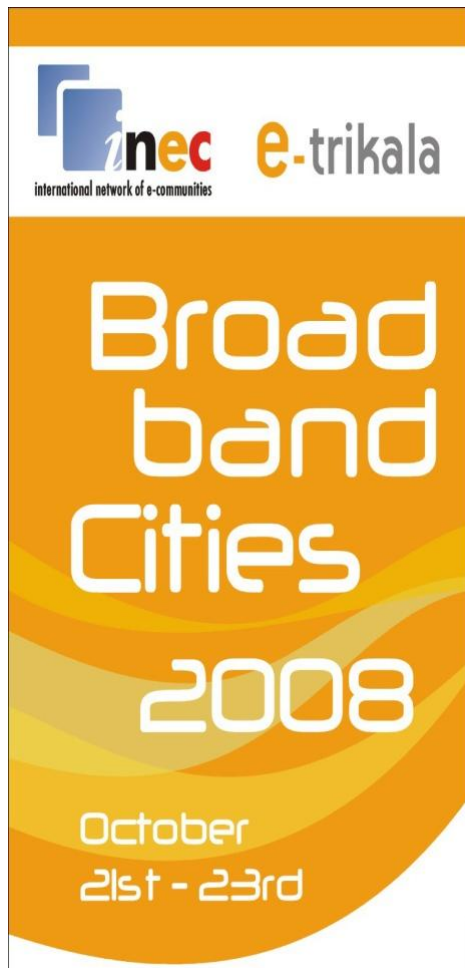
Electronic platform with touristic information

www.xenagos.trikalacity.gr



...other activities

The international conference “Broadband Cities 2008” in the Mill of Matsopoulos



...other activities

Organizing sessions and exhibitions for new technologies



ΔΗΜΟΣ ΤΡΙΚΑΛΩΝ
Ασκληπού 18
42100 Τρίκαλα
Τηλ: 24313 51100
Url: www.trikalacity.gr



ΠΡΟΣΚΛΗΣΗ

Ο Δήμος Τρικαίων σας προσκαλεί σε διημερίδα, με θέμα
Τα έργα του Ε.Π. "Η Κοινωνία της Πληροφορίας" για την Εξυπηρέτηση του πολίτη,
τη Δευτέρα 15 και την Τρίτη 16 Δεκεμβρίου 2008,
στην αίθουσα πολλαπλών χρήσεων του Λύκειου
στην οδό Καλαμπάκας 28 & Αμπατής, (έναντι 5ου



ΕΥΡΩΠΑΪΚΗ ΕΝΩΣΗ
Η εκδήλωση υλοποιείται στο πλαίσιο της Τεχνικής Βοήθειας του Ε.Π. ΚΣΠ, με την αναμενόμενη συνεισφορά της Ε.Ε. μέσω του ΕΚΤ κατά 80%, καθώς και με τη συμμετοχή εθνικών πόρων κατά 20%.

Municipality
of Trikala



ΠΡΟΣΚΛΗΣΗ

Ο Δήμαρχος Ιωαννίνων σας προσκαλεί στη διημερίδα, με θέμα
"Παρουσίαση ψηφιακών έργων του Δήμου Ιωαννινών"
στα πλαίσια του Ε.Π. "Η Κοινωνία της Πληροφορίας".

την Παρασκευή 19 Δεκεμβρίου 21
και το Σάββατο 20 Δεκε
Η παρο



ΕΥΡΩΠΑΪΚΗ ΕΝΩΣΗ
Η εκδήλωση υλοποιείται στο πλαίσιο της Τεχνικής Βοήθειας του Ε.Π. ΚΣΠ, με την αναμενόμενη συνεισφορά της Ε.Ε. μέσω του ΕΚΤ κατά 80%, καθώς και με τη συμμετοχή εθνικών πόρων κατά 20%.

Municipality
of Ioannina



ΠΡΟΣΚΛΗΣΗ

Ο Δήμος Κατερίνης σας προσκαλεί σε διημερίδα, με θέμα:
<<Τα έργα του Επιχειρησιακού Προγράμματος "Κοινωνία της Πληροφορίας" για την εξυπηρέτηση του πολίτη>>
την Τετάρτη 17 Δεκεμβρίου & την Πέμπτη 18 Δεκεμβρίου 2008,
στο Συνεδριακό Κέντρο του Δήμου Κατερίνης (ΕΚΑΒΗ) .
Η παρουσία σας θα μας τιμήσει ιδιαίτερα.



ΕΥΡΩΠΑΪΚΗ ΕΝΩΣΗ
Η εκδήλωση υλοποιείται στο πλαίσιο της Τεχνικής Βοήθειας του Ε.Π. ΚΣΠ, με την αναμενόμενη συνεισφορά της Ε.Ε. μέσω του ΕΚΤ κατά 80%, καθώς και με τη συμμετοχή εθνικών πόρων κατά 20%.

Ώρα προσέλευσης 10:00 π.μ.

Municipality
of Katerini

...Distinctions

1

Award in the
Greek ICT
Awards 2007

GREEK
ICT
FORUM

2

Award for being a
city model 2008



3

One of the
Smart21
communities in
the world



4

eGov Awards
2009 Finalist



European eGovernment Awards
Finalist 2009

Foundation of the 1st Digital Community in Central Greece

Municipality of Trikala

Municipality of Karditsa

Municipality of Volos

Municipality of Larissa

Municipality of Nea Ionia

Municipality of Kavala



Municipality of Grevena

Municipality of Lamia

Municipality of Ioannina

Municipality of Kozani

Municipality of Veria

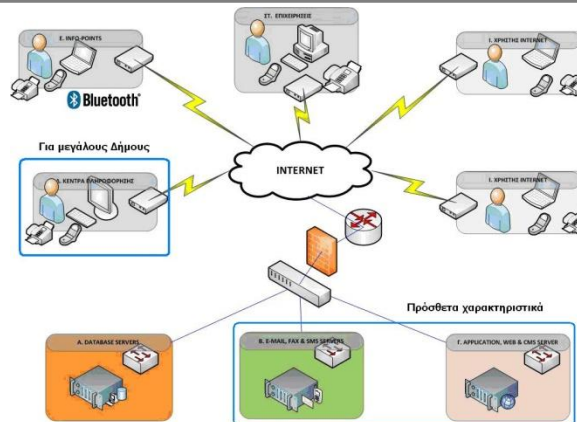
Projects in central Greece... Info tubes



Searching and tracking of places of interest and uploading important and useful data

Simple searching engines of corporations, products or services .

Simple searching engines for amusement places



Projects in central Greece... Combined transportation



Integrated center for traffic data

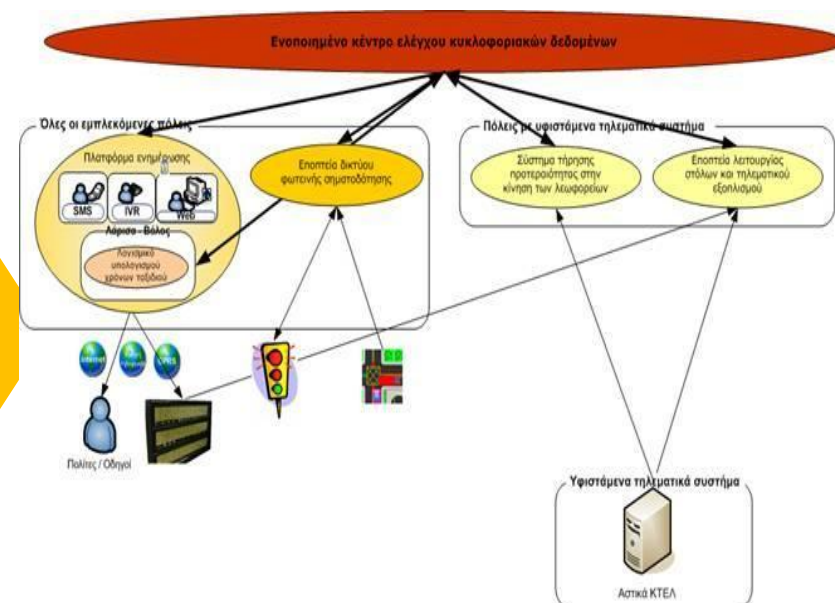
Monitoring signing and lighting

Citizens' information system

Monitoring system for the municipal buses traffic

Monitoring of telematic equipment

Software for estimating travel time or for proposing alternative courses

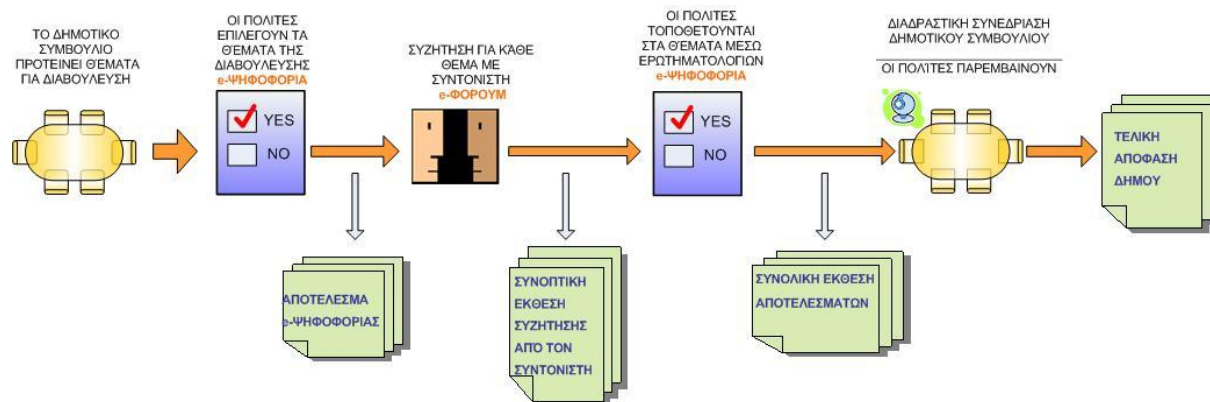


Projects in central Greece... e-Democracy project II



e-dialogos

Η ΔΙΑΒΟΥΛΕΥΣΗ ΜΕ ΜΙΑ ΜΑΤΙΑ



Creation of a portal for open dialogue referring to the citizens of the 11 Municipalities of central Greece

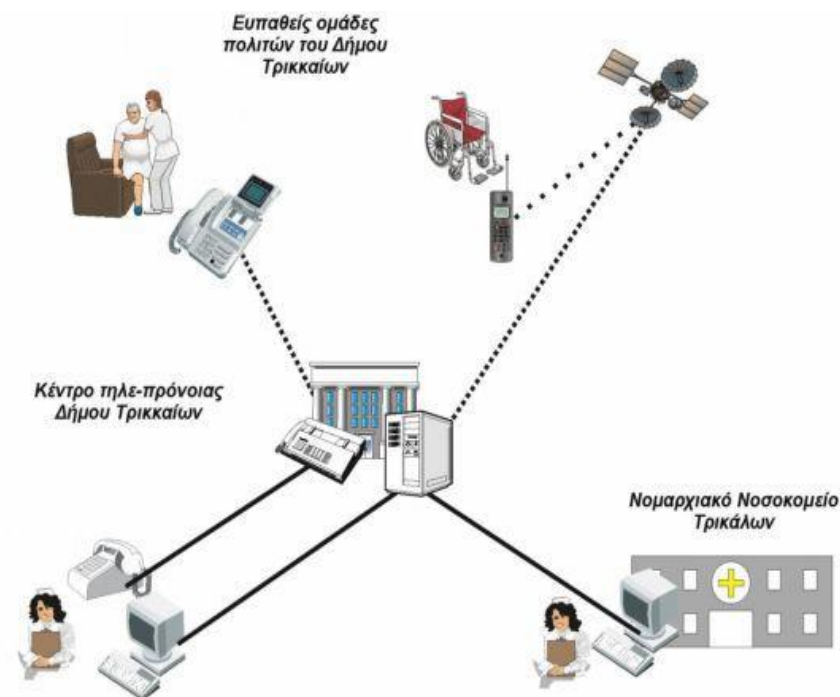
Target : Cooperation with the Municipal council and active participation in the decision making process regarding Municipal issues.

Projects in central Greece... Telecare center for patients with chronic diseases



The Telecare center:

- ❖ Will be the services nodal point for the 11 Municipalities
- ❖ Will communicate with the Municipal doctor offices, with the doctors cooperating with Municipal health services as well as cooperating hospitals within each territory.



Memberships, cooperations





European projects



digital cities

The aim of the Digital Cities (DC) program is to record the low percentage of IT technologies penetration on a local level and to benchmark new technologies implemented by the advanced partners

Project's budget: 1.810.000 €



ISISEMD

The aim of the program is the development of a special platform as well as tele-medicine devices, in order to help people who suffer from amentia

Project's budget: 4.520.004 €



European projects (under development)

Renewing Health

The projects aims to deliver, monitoring and alarm handling services, e-inclusion services, demotic services, daily scheduler, navigation services, cognitive training services, non-technology based services.

The proposal is founded on the concept of developing a network of stakeholders in the Governance and Service to User Modelling domains with relevant knowledge of massive on-line service fruition and e-inclusion policies and interests.

NET-EUCEN

INDEPENDENT

The project will define, deliver and pilot a digital infrastructure supporting coordinated cross-sector delivery of timely support to prevent older people from slipping out of safe independent living, maintaining quality of life

Proposals for new projects... Web TV

1

Local and national news, live streaming through Hot Spots

2

Inform citizens, visitors, special target groups

3

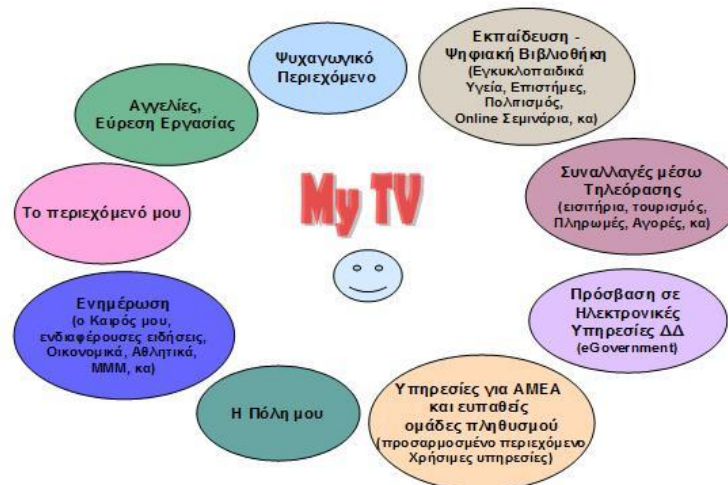
Live or recorded broadcasts of exhibitions, conferences, sport games, etc

4

Informative shows with a variety of content

5

Municipal Council's sessions, documentary, etc



Proposals for new projects... EDUCATIONAL CENTER

In a museum

Tour inside and outside the Mill of Matsopoulos

Historical data concerning the building
Travel in time

Interviews from workers and employees in time

Objects' realistic depiction and real time interaction

At the zoo

Information about the animals

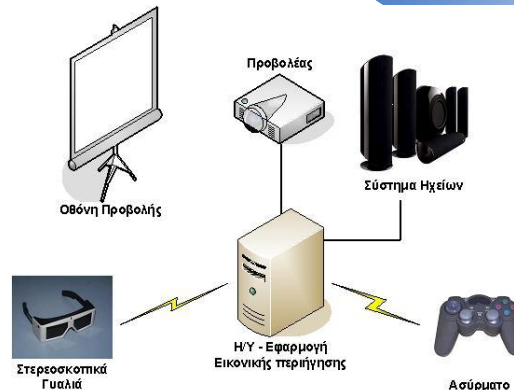
Animal elaboration in their natural environment

Representation of the animals' life

Observation of the animals' movements

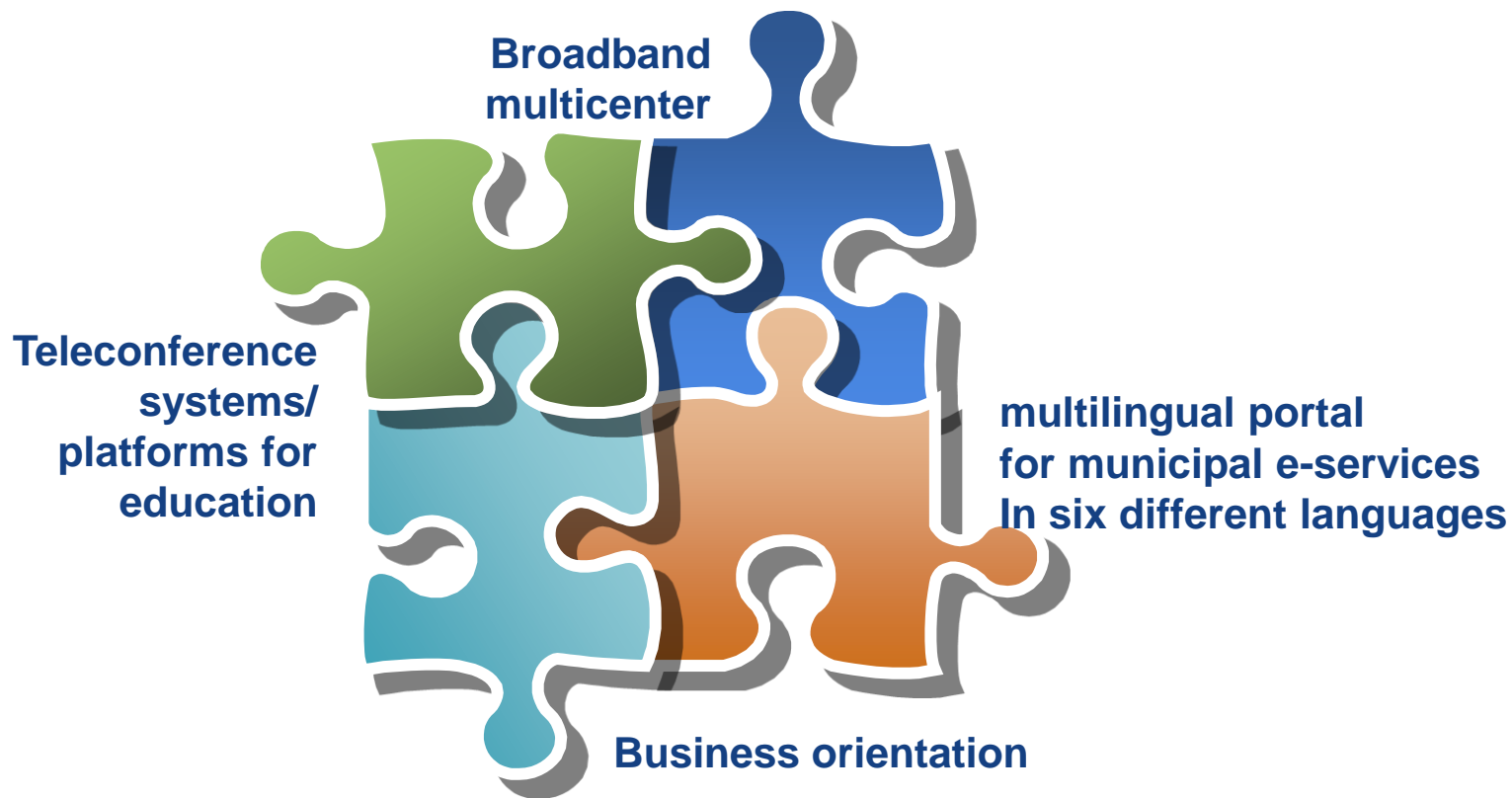
Information and entertainment audio visual system

**Virtual reality
integrated
system**





Proposals for new projects... BROADBAND BUSINESS CENTER



Proposals for new projects... rural health centers

1

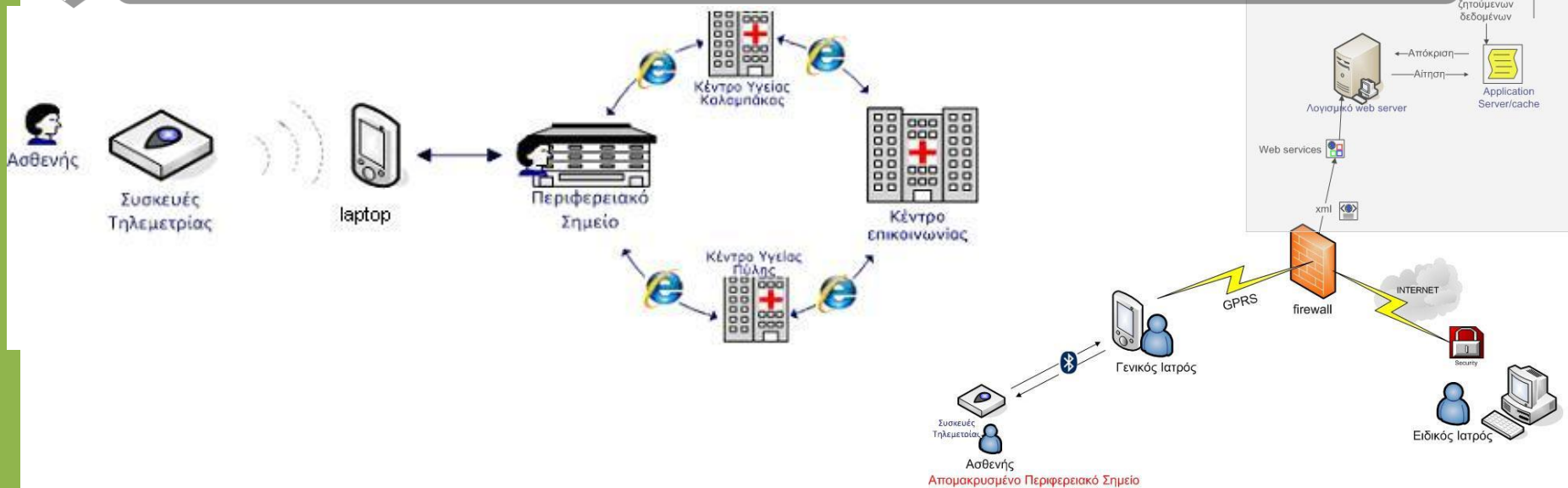
Creation of a support tele-medicine center, for distanced prefectural health centers

2

Support of unskilled "rural doctors" in order to encounter emergency incidents

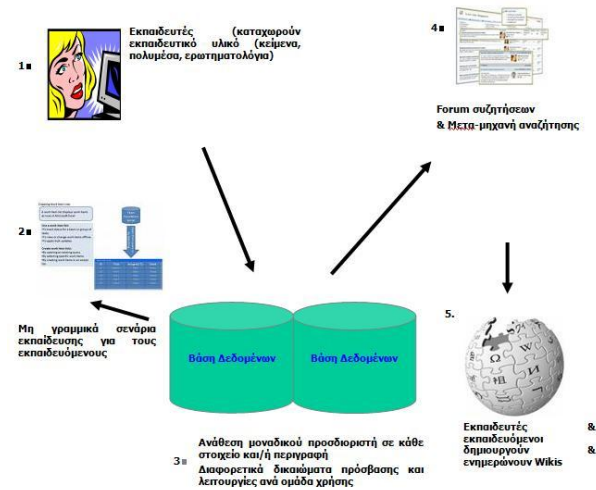
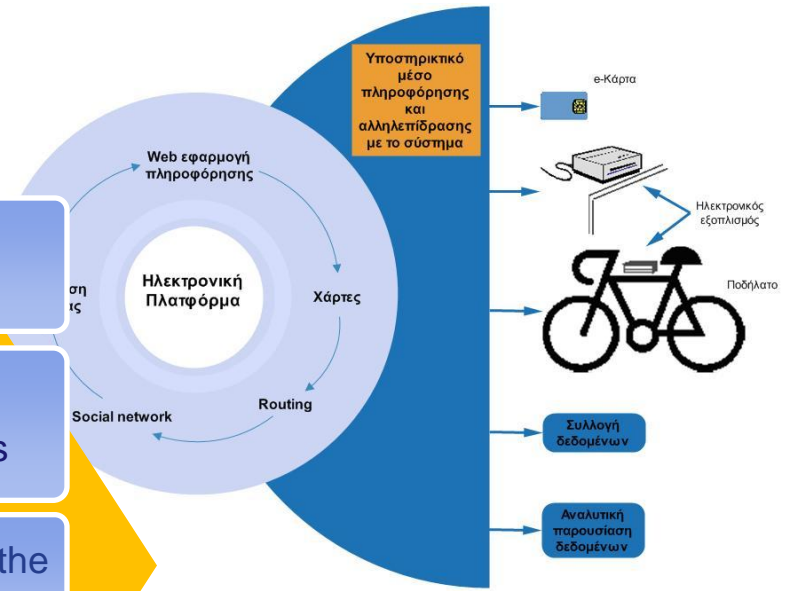
3

Observing and healing people who suffer from chronic diseases

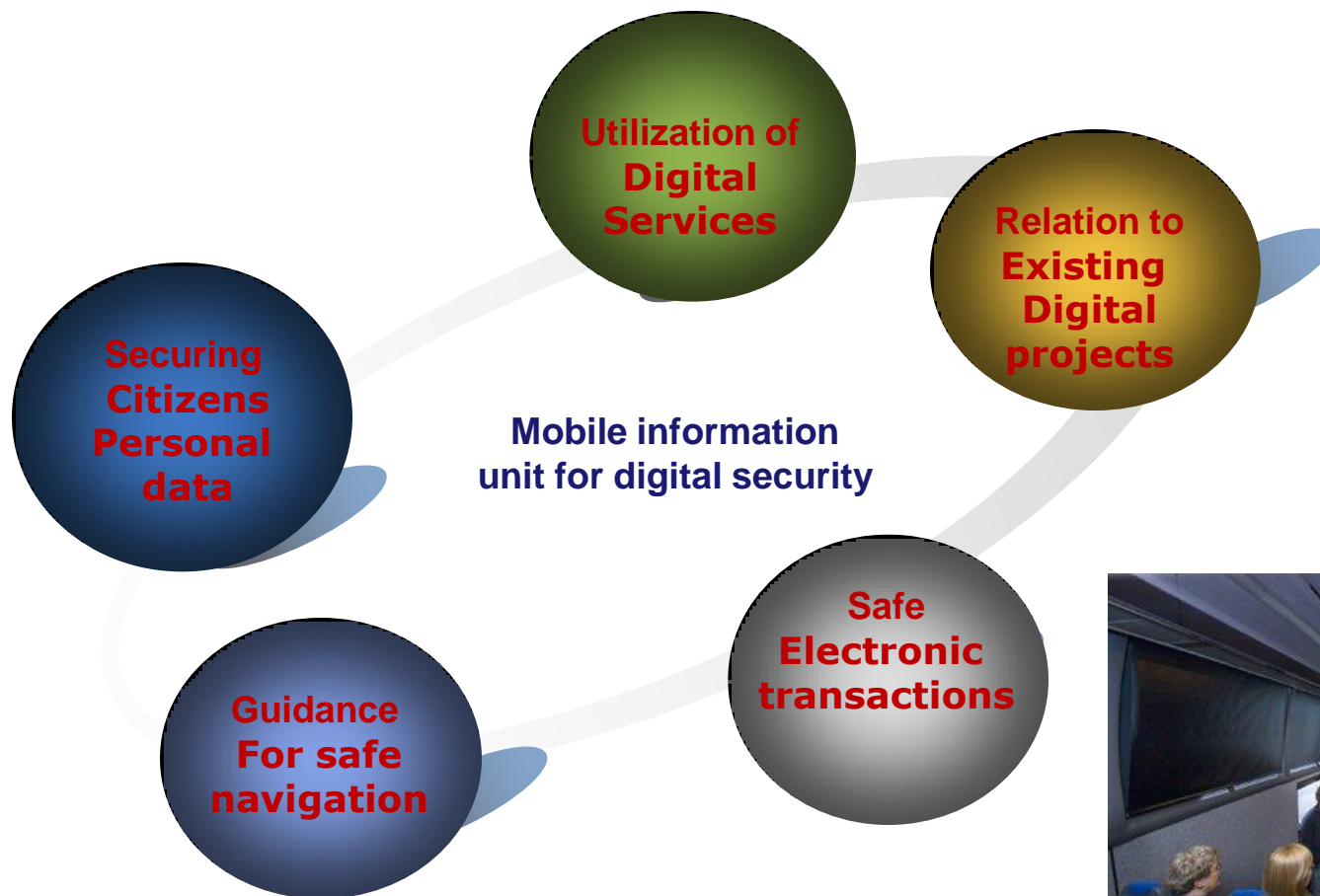


Proposals for new projects... HEALTH EXERCISE

- Creation of 4 stations – in existing parking places- for renting bicycles
- Special equipment for the recording of motion parameters in combination to the distance, lapse time , calories and heart pulses
- Personal use of a smart card for renting the bicycle as well as for the recording of the progress of physical condition
- Creation of educational material regarding health issues
- Interactive activities regarding bicycle exercise, quit of smoking, diet and facing stress



Proposals for new projects... DIGITAL SECURITY-1

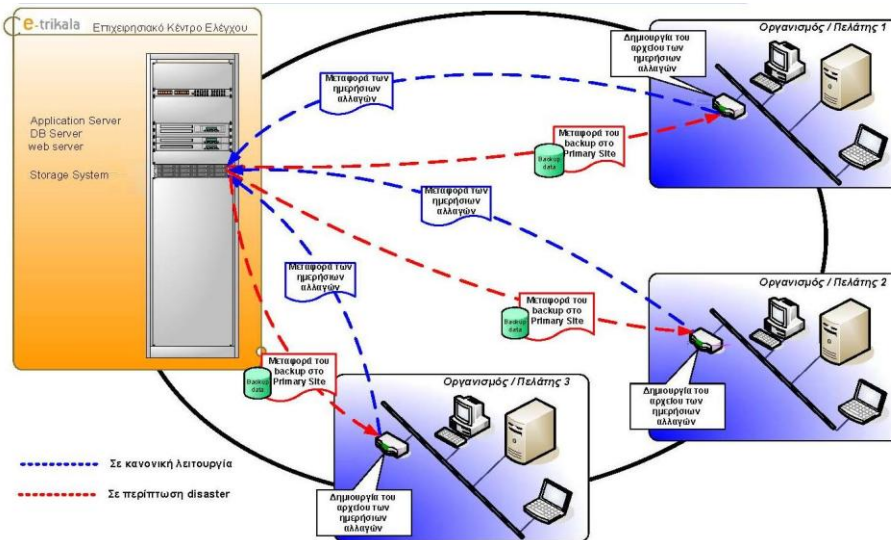


Proposals for new projects... DIGITAL SECURITY-2

System for automatic copy of distanced data

Central back up system for documents and data

Creation of 2 more distanced back up storage areas



Protection of citizens' and services; data

Aim of the system

Protection of citizens; data owned by the municipal institutions

Theoretical and practical education to all municipal employees, regarding digital safety



Proposals for new projects... ACTIVE CITIZEN

Development of a platform for citizens' tele-education, regarding volunteer issues

The platform will have local content as well as from the 11 Municipalities of central Greece. The aim is to trigger citizens to act collectively for fulfilling common goals .

Through the project the citizens inconvenience to actively participate in all kind of actions will be faced.

At the same time, the lack of education will be also faced through the different sessions, proposed by the Municipalities, in order to further trigger, Inform and educate the citizens for future activities



Proposals for new projects... HEALTH MAP

Creation of a portal which will contain all kind of information elative to health issues and services (hospitals, pharmacies, dentists, etc)

Active content regarding hospitals, health centers, etc.

Everyday services by private health centers and doctors

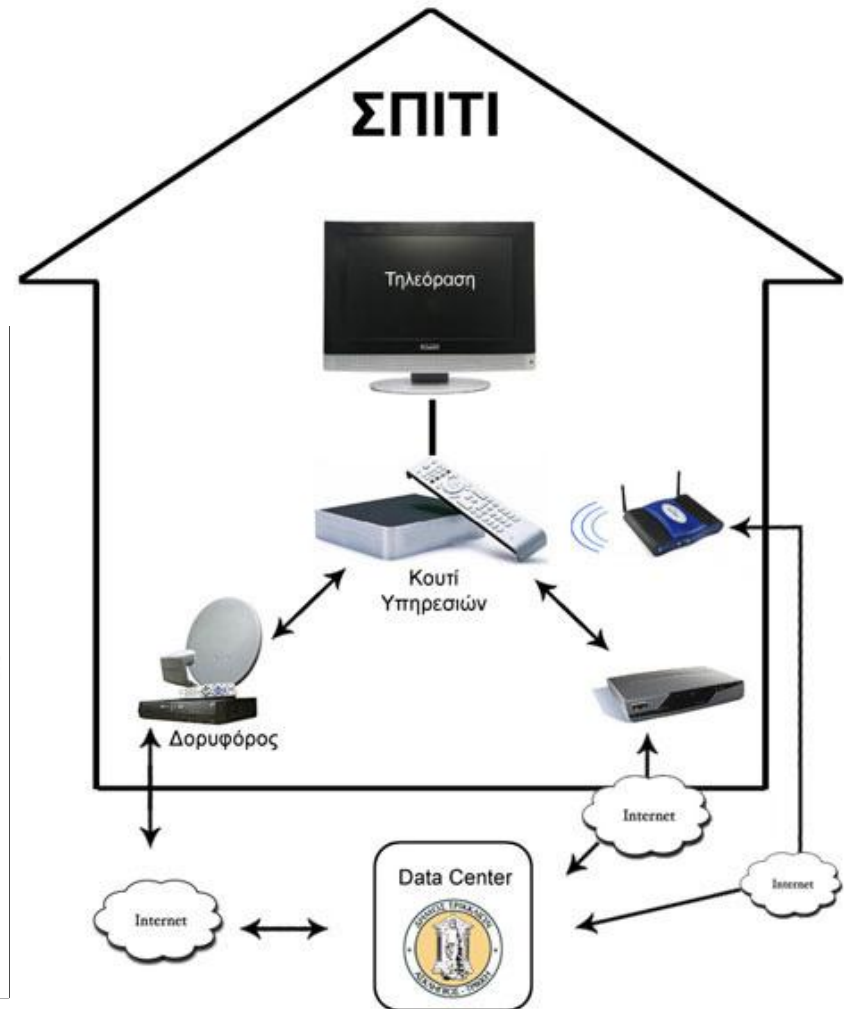
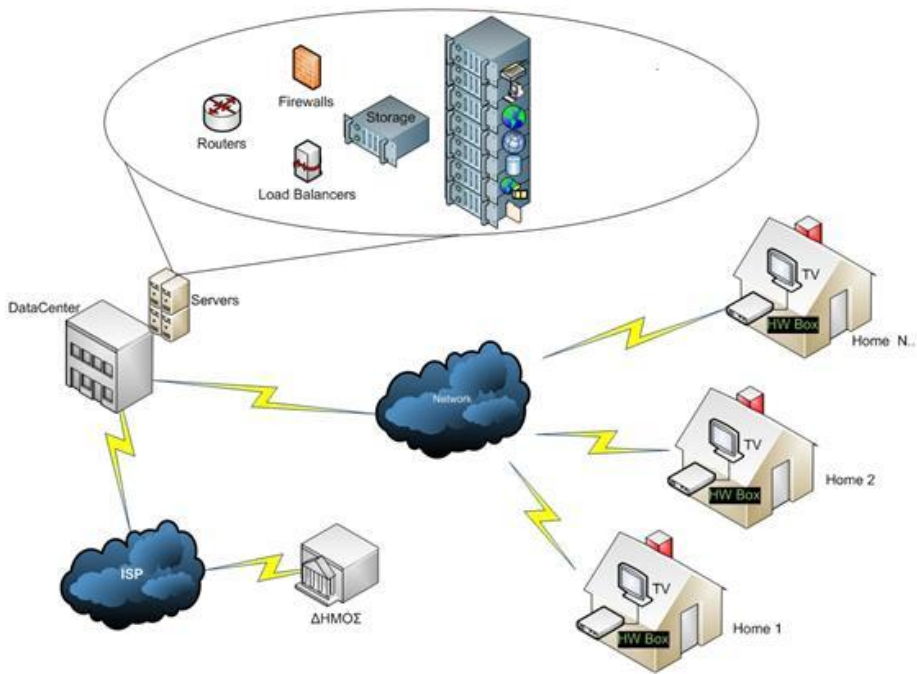
Active information for available pharmacies

Geographical tracking and navigation (through G.I.S. systems)

mobile services for real time information and communication

Proposals for new projects... Broadband Housing Model

- **Creation of a high broadband speed model housing, for the interaction between the citizen and the Municipal services**



Proposals for new projects... Municipal digital center

- **Creation of a Municipal digital center, in order to point out the cultural legacy through an educational interactive informational and entertainment platform**

Some of the applications are:

- New ways of music tutoring to children
- Technical support for distanced music lessons
- Creation of the so called “Music & Line Bank”
- Digital information about the local music history



**Thank you for your
attention**

You are always welcomed to our city



e-trikala

e-services for the citizens