

## Information and Payment Terminals (Kiosks)

A Kiosk (Internet) is a terminal that provides public Internet access. Interactive kiosks sometimes resemble telephone booths; they are typically placed in settings such as hotel lobbies or airports for fast access to email, web pages or other services. Interactive kiosks can accept a variety of payment, and often times contain hardware components such as a computer keyboard, a mouse (or a fixed trackball, which is more robust), printer and a monitor. Due to their versatility and ease of use kiosks gained tremendous popularity worldwide.

Enterra aimed at development of software to provide information and payment kiosks with reliable and robust applications. The simplest assembly included touch-screen, bill acceptor, and check-printer. More advanced terminals contained vandal-resistant keyboard, magnetic card reader, bar-code scanner, bill changer, A4 laser printer with a future option to install any other peripheral equipment.

Kiosks driven by Enterra software are widely used for:

- Telephone services payment
- Rent and utilities payment
- Bank loans payment
- Ticket sales for various events
- Information services
- Internet access
- Money transfer
- Etc...

Clients benefit with:

- Seamless access to terminal services 24/7
- Access to a wide range of services
- Instant services upon immediate request

Advantages for terminal owners:

- Small rent due to little space required for a terminal device (less than 1 square meter)
- Less or no service required (it may require to change paper for the check printer from time to time and take away bills or coins in case the terminal is equipped accordingly)
- Minimum of personnel involved

Self-service terminals are able to send status data to a terminal service center, which allows technical personnel to quickly determine a malfunction and fix it or provide necessary service to hardware or software.

Terminal software is equipped with failure protection system. For example at detection of unintended error the terminal reboots and start functioning again.

Used Technologies:

Microsoft Visual Studio 2005 was used to develop software and C++ as the primary development language. The interface was implemented in Macromedia Flash.

The kiosk industry surpassed \$1 billion in worldwide annual revenues in 2005. Groups who use kiosks in their business environment include: Northwest Airlines, JetBlue Airlines, The Home Depot, and Wal-Mart. It is estimated that over 131,000 kiosk terminals exist in the U.S. alone.

Currently in Russia, there are only a dozen of similar solutions available. The Enterra solution is a reliable, highly efficient and time-proven system.

Customer: **Svetets**

Year: 2005-2006

URL: <http://www.telepay.su>

## Screenshots





Монитор платежных терминалов

Настройки | Подключения | Терминалы | Статистика

ИПТ №:	Описание	Количество купюр в	Сумма наличности в	Время получения	Сумма полученной	Помеха	Время	Сообщение	Время сообщения
1	Тестовый терминал							Сообщение	11.05.2006 16:02
2	Валидатор на столе							Сообщение	11.05.2006 19:17

**Журнал событий терминала**

Терминал №: 2

Период с: 01.05.2006 по: 25.05.2006

Обновить

Событие	Время
Критическая ошибка	11.05.2006 16:14
Принята купюра 100 руб.	11.05.2006 16:14
Произведена инкассация на сумму 1500.00	11.05.2006 16:14
Сообщение	11.05.2006 16:14
Выдан пачкод 1234567890 на сумму 150.50	11.05.2006 17:14
Критическая ошибка	11.05.2006 17:14
Принята купюра 100 руб.	11.05.2006 17:14
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