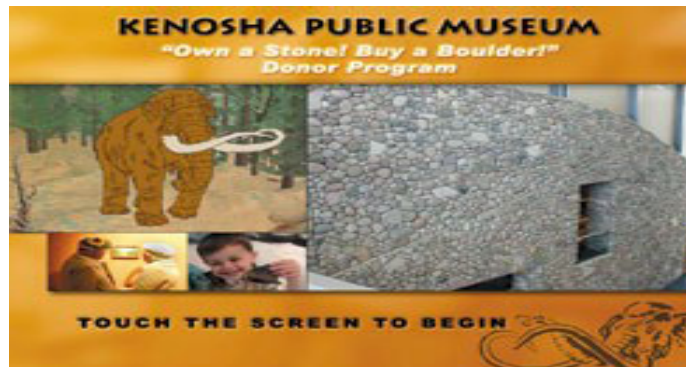# Kenosha Public Museum Launches Mammoth Kiosk Project

Donation Kiosk Application

Located in a new 50,000 sq. ft. lakefront facility overlooking Lake Michigan, the Kenosha Public Museum is the centerpiece of Kenosha's beautiful HarborPark development project. This striking new building is an architectural metaphor of the glacier that sliced through the region more than 15,000 years ago to form the landscape and geology that we know today as southeastern Wisconsin.   A towering 60 ft. atrium lobby, symbolic of that glacier, and a massive exposed wall of fieldstone create a dramatic beginning to the museum visit.

Thanks to an ambitious kiosk project conceived by Paula Touhey, Museum Director, and Peggy Gregorski, Museum Development Coordinator, patrons of the museum may now lay claim to "virtual ownership" of a rock in the glacial till wall by pledging a donation.

Own a Stone! Buy a Boulder!

The kiosk application that implements this "Own a Stone! Buy a Boulder!" donor program was developed by Rich Dorfman of WebFeats! Located in Oconomowoc, WI , and artwork by Norma Ramirez de Hanson. The kiosk application lets museum visitors make a contribution, select their stone, rock or boulder, and, if they wish, dedicate the rock in honor of or in memory of a loved one.

Visitors are attracted to the kiosk by a "splash screen" (pictured above) that features the trumpeting of an animated mammoth. This attract screen was inspired by two woolly mammoth skeletons which were excavated just ten miles from the museum in western Kenosha county and the bones are displayed in the museum as they were found at the excavation site.

Upon touching the "splash screen," visitors are presented with a menu that lets them make a contribution, search for donors or view a specific boulder.

Certificate of Virtual Ownership

To make a contribution, the visitor selects their pledge amount, then selects the wall section that contains a boulder targeted for "virtual ownership." The kiosk then displays all the stones in that wall section available for purchase. The visitor touches any rock that looks promising and is prompted to "adopt." After receiving confirmation of the selection, the kiosk prints a slip that the donor takes to the museums front desk to finalize pledge information.

After submitting their contact information at the front desk, donors return to the kiosk to receive their "Certificate of Virtual Ownership." The kiosk application is integrated with the museum's legacy Donor Information System, so after information is entered at the front desk, it's immediately available at the kiosk and donors may view their proof of ownership there.

If visitors wish to search for their own rock or view other donors, it's just a couple touches of the screen. They select "Find Donors" from a menu screen and may then simply touch a letter to find donors whose last name begins with that letter.

Kiosk Application Design

The kiosk application is built on a Windows 2000 / AMD Athlon XP 2200 platform provided by Custom Edge PC, Waukesha, WI. SiteKiosk software is used to secure the kiosk environment.

The kiosk uses a 17" touchscreen display from Elo TouchSystems and thermal printer from Telpar for printing pledge confirmations and certificates of ownership.

Telpar 8 ½ in Thermal Printer

The Telpar printer accommodates up to an 8 ½ " Wide X 8" diameter roll of continuous paper that allows up to 1100 (8 1/2" X 11" (216 Mm X 79.4 Mm)) Sheets Per Roll at 300 dpi resolution and print speeds of 2 inches per second.

The MTP-2283i series, has the Telpar patented looping presenter, with document retract or eject, automatically retracting the document back into the enclosure if it is not taken, helping guard circulation of client sensitive information
and a straight paper path with flip-up print head access for performing machine service.

The printer is built with metal frame for increased rigidity and durability in high use applications. The metal frame also provides better electrostatic discharge resistance than plastic.

Other printer features include a flip-up print head access design, easy-load paper system to facilitate paper roll replacement. Several sensors provide paper low, out of paper, top of form, document in presenter, print head up, dropped document and cutter jam.

mySQL and Apache Web Server

A mySQL database houses information on the 6000 rocks in the wall. An Apache web server and PHP preprocessor round out the components of the project.

Research

www.kenosha.org/museum
www.web-feats.com
www.customedgepc.com
www.sitekiosk.com
www.elotouch.com
www.telpar.com

About Telpar

Telpar is a recognized leader in the design, manufacture and support of OEM and kiosk printers Additionally is a leading distributor of Epson, Fujitsu, APS and Citizen print mechanism and control boards. Telpar printers are popularly used by Kiosk manufacturers, medical equipment manufacturers, ATM manufacturers, gaming, and petroleum equipment manufacturers, engineering and instrumentation applications. .

Among these offerings, is the Stealth family of printers. These high-speed direct thermal printers are available in 2, 3, 4 and 8.5 inch document widths and use Telpar`s designs to provide the most complete set of features available for a Kiosk printer.

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