mzerocreate

USER GUIDE

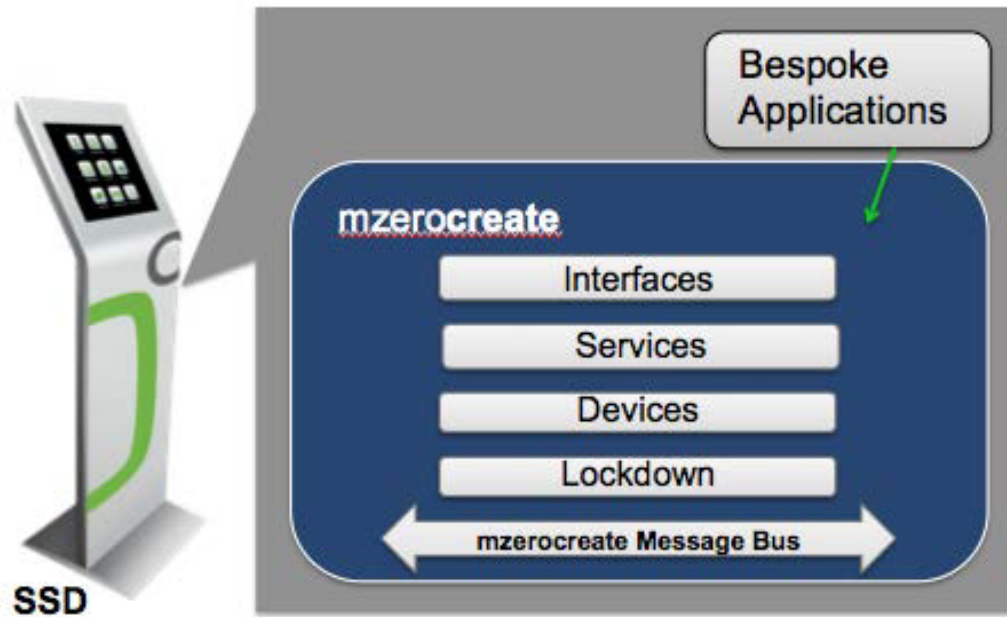mzerosoftware

Create compelling self service applications that deliver in your integrated business operations.

Today, self-service devices are key resources that are essential to serving customers quickly and efficiently. In whatever industry, many critical consumer facing business processes rely on automation. But to deliver the service that is required, those devices have to deliver the business purpose in a way that end users are happy to use.

meridian has over 20 years experience delivering self-service and kiosk solutions for major customers and this experience has led to the development of our best in class application development platform, mzerocreate.

mzerocreate provides application developers with a unique advantage - pre-integrated kiosk components, pre-integrated management and monitoring services and pre-integrated business services — giving them unparalleled productivity in producing a compelling, robust, reliable application that will provide the optimal end-user experience.

A well-defined API available for use with a choice of platforms means that developers can work with their tools of choice when building success with mzerocreate.

mzerocreate - build the finest self-service applications

MzeroCreate

mzer○create functions

mzerocreate provides key functions in the following areas:

Services
- Secure Browser
- Onscreen keyboard
- Attract Screen
- Lockdown Execution
- Voice Over IP phone
- Inactivity Detection (idle timeout prompts)
- US Payment with credit swipe (Chase/First Data/TSYS)
- Canada/Euro Payment with chip and pin credit and debit (EMV)
- PCI compliance hardening
- Reporting with MzeroManage (Usage, Ad clicks)
- Send custom messages (Emails, SMS)
- Document Viewing (XPS format docs)
- TTY (Teletype phone calls for the deaf)
- Maintenance Screens (Controlled Exit to desktop)

Lockdown
- OS Lockdown
- Limited User Accounts
- Software Watchdog
- Software Updates
- Compliance
- Software AV
- Patch Management
- Cash Collector ID
- Keyboard and Mouse Filtering
- Password protected main screen

Devices
- Printers
- Barcode Scanners
- Telephone handset/hook switch
- Coin and cash collector
- Camera

MzeroManage integration
- Reporting portal
- Health alerts via email (hardware issues)
- Download new software/Upload logs
- Scheduled content sync from an FTP source

mzer○create benefits

Faster development
- Lower development cost
- Faster time to market to increase solution roi
- Well structured and modular applications
- Easy to change and extend applications

Less code to maintain
- A proven product foundation
- Applications have less bespoke code
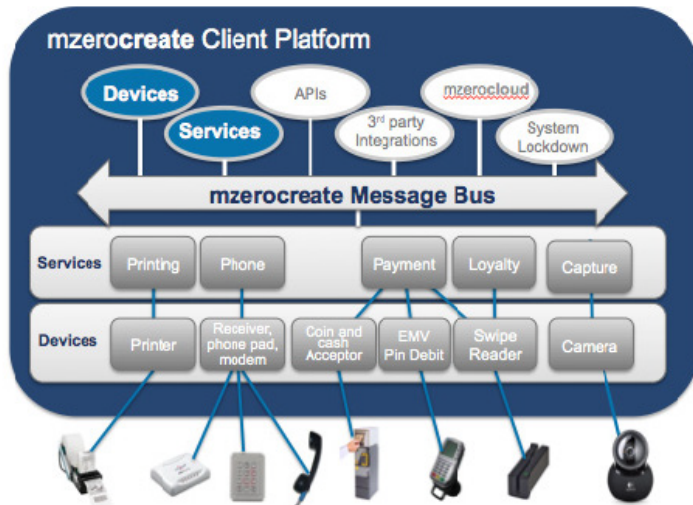- Fewer bugs
- Lower maintenance costs

Create complex self-service devices
- Integrate components quickly and easily
- Use existing business services for payments, phone, printing etc
- Deliver a secure, locked down environment with controlled access

A consistent, comprehensive solution
- Interface to MzeroManage - meridian's performance management software - to complete the end-to-end solution
- Sophisticated monitoring and control facilities to minimize cost of ownership of the self service solution
- Develop, deploy and manage the self-service solution more quickly and effectively than ever

MzeroCreate

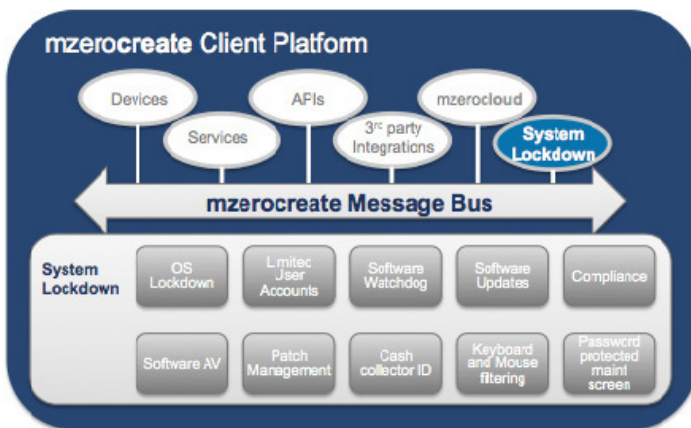# mzer○create structure and capabilities

mzerocreate provides an API that developers can consume from familiar development environments such as Adobe Flash, Air or Flex and .Net.

Key concepts make mzerocreate a flexible foundation for your custom application:

Services - a business layer in the software that allows a specific business objective to be met. For example, cash management which bundles orchestration of both hardware devices (e.g. a note recycler) and software services (cash collection, transaction reporting, management of coin and note devices together etc.)

Devices - mzerocreate understands the concept of a device at the hardware or software service component level. This allows a repeatable and consistent approach to integrating with and presenting a hardware device such as a printer or a or making a connection to a customer webservice.

Message Bus - within mzerocreate, a message system is used as a simple, consistent communication layer, insulating components of the software solution from the detailed technical requirements of other parts of the system. Adopting this approach makes it simpler to replace or add devices and services as necessary to meet the needs of a particular solution.

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CONCEPT TO COMPLETION