

mzero^ocreate

SOFTWARE DEVELOPMENT KIT

MzeroCreate is Meridian's proprietary Software Development Kit (SDK), which provides a suite of developer tools designed to facilitate the rapid development of custom self-service applications to run on MzeroPlatform. With a vast library of pre-integrated components, MzeroCreate allows developers to focus on creating a great user experience.



DEVELOPMENT MODULES

MzeroCreate makes kiosk application development easy with a suite of development modules and pre-integrated kiosk components.



COMPONENT INTEGRATION

MzeroCreate provides easy integration with a range of components, including but not limited to scanners, cameras, and payment devices.



THE COMPLETE SOLUTION

MzeroCreate includes access to MzeroPlatform and MzeroManage to create one cohesive software solution.

FEATURES INCLUDE

- ❑ Software Development Kit
- ❑ High-level integration targeted for front-end
- ❑ Focus on your solution and not hardware
- ❑ Remotely manage and deploy applications into the kiosk platform
- ❑ Field proven & hardened



MzeroCreate features a well-defined API available for use with a choice of platforms, allowing developers to work with their tools of choice to create the most robust self-service applications.

Faster Development

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

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

Comprehensive Solution

- Interface with 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

Less Code to Maintain

- A proven product foundation
- Applications have less custom code
- Fewer bugs
- Lower maintenance costs

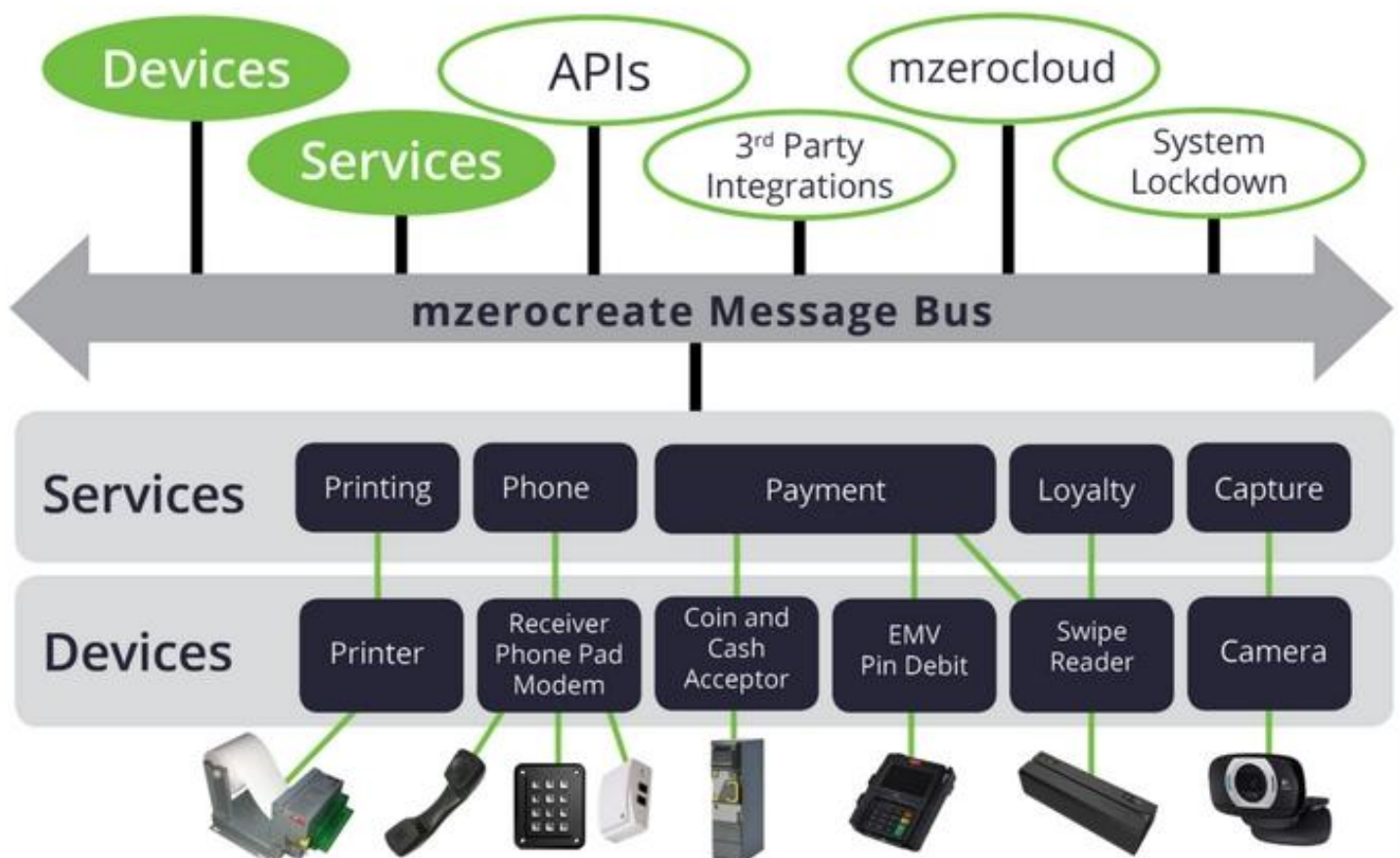
Services

- 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)

SERVICES A business layer in the software 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 or making a connection to a customer web service.

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.



FEATURE COMPARISON

| | Mzero Platform | Mzero Manage * | Mzero Create * |
|---|-----------------------|-----------------------|-----------------------|
| Secure User-Interface | | | |
| Kiosk Lockdown | ✓ | ✓ | ✓ |
| Boot Control | ✓ | ✓ | ✓ |
| Secure Browser | ✓ | ✓ | ✓ |
| Screensaver | ✓ | ✓ | ✓ |
| URL Safe Searching (White-listing) | ✓ | ✓ | ✓ |
| Compatible with Customized Hardware | | | |
| Windows Support | ✓ | ✓ | ✓ |
| Automatic Crash Recovery | ✓ | ✓ | ✓ |
| System and Component Integration | ✓ | ✓ | ✓ |
| Performance Management & Maintenance | | | |
| Performance Management Agent | | ✓ | ✓ |
| Call for Help Alerting | | ✓ | ✓ |
| Condition and Connection Access | | ✓ | ✓ |
| Remote Access | | | |
| Quick Access Dashboard | | ✓ | ✓ |
| Component Management and Alerts | | ✓ | ✓ |
| Scheduled Advertising Campaign Loop | | ✓ | ✓ |
| Screen Sharing | | ✓ | ✓ |
| Reporting Suite | | | |
| Real Time Usage Reporting | | ✓ | ✓ |
| Kiosk Access Management | | ✓ | ✓ |
| Update Deployment and File Transferring | | ✓ | ✓ |
| Time Based Content Deployments | | ✓ | ✓ |
| Development Tools | | | |
| JavaScript Library for Web Development | | | ✓ |
| Support Desk Access | | | ✓ |

*Performance management is hosted by Mzero. Perpetual server license optional; call for pricing. Phone, payment and enterprise integration add-ons optional with MzeroManage and MzeroCreate. Please ask your sales professional for more information.