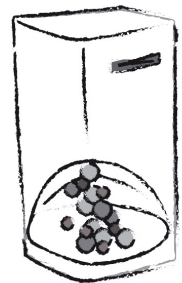
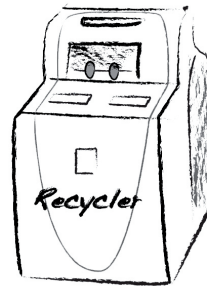
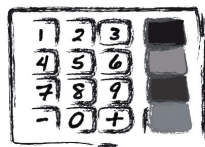
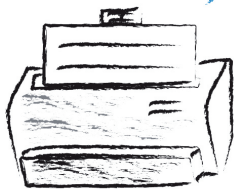




Connectivity a problem?



LUTZWOLF

INTRODUCTION

LUTZWOLF® makes all of your business devices plug 'n play. Instantly and effortlessly.

Your bank has lots of devices, probably from many manufactures. They were built at different times, do different things, have different interfaces. But, with our simple DeviceController® connectivity solutions, all those devices—internal and external—can work together, seamlessly and easily, with all of your applications. Guaranteed. Have a corporate application that needs to work with a branch device? Done. Need instant access to any manufacturer's cash dispense/recycler and all of its associated transaction data? Done. Want to break free of the burden of managing low-level device access? Done.

How can we be so sure our solutions will work for your bank? Because each and every LUTZWOLF® service is compatible across all platforms and works with any banking device and application. Period.

At last, the one-stop, easy solution to banking device and application connectivity is here. And its name is LUTZWOLF®.

LUTZWOLF 

SIMPLE CHOICE

LUTZWOLF® is the simple choice.

The last thing you need are more complications. You just want everything to work. That's why we designed our ready-to-use DeviceController® solution to be the fastest, simplest way to make everything do just that—work the way you need it to when you need it to.

How do we make that happen? Simple integration. With our unique DeviceController® platform, there's no need to worry about the complicated protocols of individual devices. You only need to tell the platform what type of device your using. Here's an example:

Have a new cash dispenser you want to integrate? Just tell the DeviceController you're adding a cash dispenser. That's it.

How's that for simple?

What does that mean to you? Fewer complications, reduced integration time, less maintenance and improved stability.

LUTZWOLF 

BENEFITS

The benefits of LUTZWOLF® don't stop at simplicity.

Reduced risks – The LUTZWOLF® DeviceController® is a proven product with outstanding stability and reliability.

Reduced device integration costs – Because integrations are done based on device type, not on a specific device, you only have to integrate your printer or cash dispenser once. There's never a need to change any of the code of the application.

Reduced maintenance costs – The LUTZWOLF® DeviceController® works with your existing product, so only a small amount of simple code is needed. Less code and clean architecture mean fewer maintenance costs.

Platform independent – Our flexible solution runs across any platform in your bank or credit union, e.g., Linux, Solaris, Unix, Windows, etc.

Future-proofs – Our connectivity solutions can meet all future device integration needs.

Universal compatibility – We offer support for all device manufacturers.

One-stop, complete device management solution

- No device access logic remains in core processor.
- Provides full error-handling and error recovery, including error texts.
- Provides 100% access to all device functionality.
- Offers remote device administration and configuration.
- Manages sharing of devices among staff.
- Provides device recovery in case of power failure.

STREAMLINE

Streamlined Components save time and labor.

The LUTZWOLF® device connectivity solution has very few components:

- DeviceController®
- J/XFS Kernel middleware (a worldwide standard that is highly scalable and facilitates multi-vendor solutions.)
- J/XFS Device Services (drivers)

Together these components offer a flexible, affordable, platform-independent plug-in alternative for connecting peripheral banking devices with applications on a range of platforms.

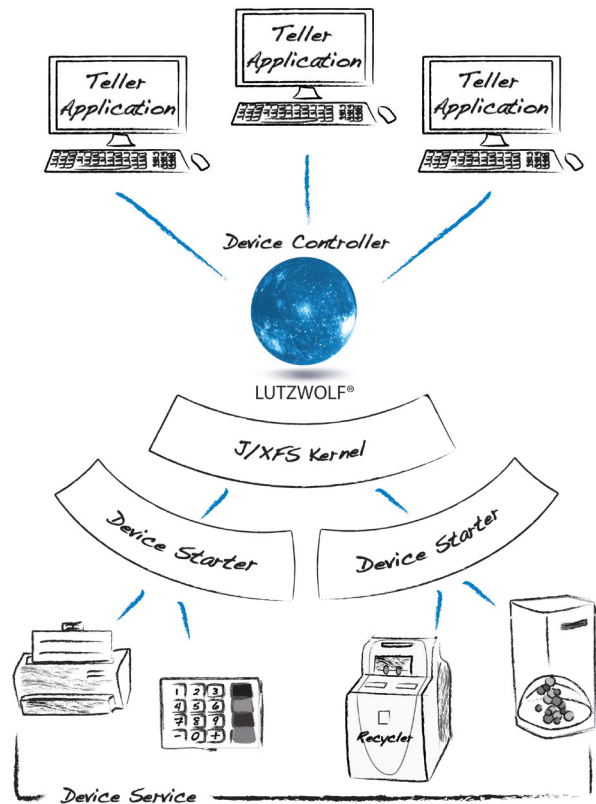
In fact, by keeping the solution as simple as possible, LUTZWOLF® has also made it as compatible as possible.

J/XFS FDI KERNEL

Middleware provides the communication layer to the entire device connectivity solution and is supplied free of charge.

J/XFS DEVICE SERVICES

To complete the device connectivity solution, each attached device must have a J/XFS device service (driver), which is then plugged into the J/XFS Kernel. J/XFS (Java eXtensions for Financial Services) is a standard that provides application developers with a consistent interface, regardless of that brand or type of underlying device to be attached. With J/XFS, devices of the same type, e.g. magnetic card readers, can be easily swapped regardless of the individual differences that exist between brands of magnetic card readers.



LUTZWOLF

SEAMLESS

Seamless Integration makes connectivity a snap.

While the LUTZWOLF® DeviceController® is written in Java and uses the Java environment, it isn't in any way limited to Java applications. It has the built-in ability to integrate seamlessly with:

- Applications written in C and C++
- All languages supported by Microsoft's .NET platform
- Java, J2EE, and other Java derivatives

The DeviceController® also boasts an incredibly powerful web service interface, which means any application that is capable of using web services will connect perfectly. In fact, using the DeviceController®, accessing a device from an application is just as easy as accessing any other service.

That's why only our DeviceController® can be easily interfaced with any existing teller or core-banking application.

LUTZWOLF 

EXAMPLES

Here's an example of how the LUTZWOLF® DeviceController® solution can save your bank time and money.

Scenario:

Your bank wishes to integrate six new devices into their branches using an existing core-banking application integrated with the DeviceController®. There are 100 branches, each with 10 workstations or clients, resulting in a total of 1000 clients. The six example device types could be as follows:

1. Cash dispenser
2. Cash recycler
3. Coin dispenser
4. PIN pad/Card reader
5. Receipt printer
6. Passbook printer

Old-fashioned solution:

Your bank would need to painstakingly rewrite its application in order to integrate the six new devices. Rewriting the banking application would be expensive, time consuming, and would result in a final solution that isn't flexible. The application would also need to be updated on all 1000 clients.

LUTZWOLF® solution:

We supply the DeviceController®, including J/XFS device services, for all six devices for one license fee based on the number of physical devices that your bank wishes to integrate. Your bank could then simply integrate all devices using the LUTZWOLF® device connectivity solution, saving time and money.

LUTZWOLF ●

CONCLUSIONS

Now you know why the LUTZWOLF® DeviceController® solution is smart, easy and saves time and money.

Isn't it time you took advantage of the simplest, fastest way to guarantee all of your bank's applications and devices communicating the way they should? To learn more, and set up an appointment to see exactly how the LUTZWOLF® DeviceController® can help, contact us today.

LUTZWOLF 

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