ASDIS
Solutions

ATM/KIOSK Management

Future-proofing operation of ATMs
starting in April 2014

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Since 2001, Microsoft Windows XP has established itself in nearly every area and is widely used on automated teller machines. With the stability of its predecessor Windows NT, along with easier administration, Windows XP became a real success story.

On 8 April 2014, regular support for Microsoft Windows XP was terminated. According to current estimates, 2 million of the 2.7 million existing ATMs still run Windows XP, even though Microsoft announced the end of support at the beginning of 2007.

What does this mean for you as an operator?

Since the release of Windows XP, about 700 security gaps have been discovered, one third of which targeted the acquirement of enhanced permissions. With support ending for Windows XP, many hardware manufacturers will also cease their own support for the operating system. As of April 2014, suppliers of ATM software no longer guarantee the security of their applications on Windows XP.

Over time, it will become more and more important to provide an attractive user interface using technology incompatible with Windows XP.

Manufacturers tend to cancel the support of an ageing operating system in order to stay competitive. Nevertheless, in order to run an ATM with XP after the deadline, the following measures are necessary:

⚠ Optimal protection of the ATM with the help of third-party software

⚠ Purchase of Microsoft „Custom Support Agreements"
(at most three years, price: $1600/system)

⚠ Guarantee of PCI-DSS conformity in spite of missing patches

⚠ Waiver of alterations

Furthermore, the following points must also be taken into account:

⚠ The compliance to internal company guidelines needs to be guaranteed at all times

⚠ If EMV cards are used, a certification through EMV is necessary

- **ATM migration < EUR 100 per device**
- **High grade of rollout automation**
- **Microsoft certified compatibility**
- **Distribution of softwareincluded**
- **XFS-Monitoring included**

Conclusion

A further operation of automated teller machines under Windows XP is only guaranteed through a considerable organizational and financial effort. The incurred costs are not investments in the future, but rather allow only a limited continuation of operation. A migration to Windows 7 is unavoidable in order to remain secure and competitive on a permanent basis and to minimize the maintenance costs for ATMs.

Rapid and transparent migration to Windows 7 with ASDIS

Many framework conditions, both technical and organizational, need to be addressed in a migration. With a clear division into separate phases, problems can be minimized and planning defects can be avoided.

Fundamentally, the migration of an ATM is subdivided into the following phases:

1. Check the compatability: Is the ATM capable of running Windows 7

2. Replace hardware that is not running Windows 7

3. XFS service provider and drivers compatible with Windows 7 should be requested from the hardware supplier

4. Purchase of an ATM application that is compatible with Windows 7

5. Pass through tests and certification processes

6. Preparation and testing of a universal installation profile (Golden Image)

7. Distribution of the universal installation profile

8. Place into operation

With the ASDIS product suite,time-consuming and repetitive tasks are automated. Each phase of your planning can be realized faster and more reliably. ASDIS supports you in the following areas:

Compatibility

✓ Automated capture and detailed evaluation of hardware that is compatible with Windows 7

✓ Flexible collection of data per standard interface (WMI, XFS, et al.)

Providing/Test

✓ Quick and uncomplicated collection of system environments as a basis for certification processes

✓ Hardware independent and ATM type specific preparation of installation profiles on the basis of Universal Imaging technology

Rollout

✓ Individual and automated rollout of installation profiles through existing IT infrastructures or by USB or DVD due to network limitations.

Operation

✓ Securing of operation after the migration

✓ Further use of ASDIS software for software management and monitoring

With the products and services from ASDIS, you receive a comprehensive solution which will support you actively at all times, especially in critical phases.

Your advantages with ASDIS

- Full automation and acceleration of time-consuming manual processes
- Preparation of installation profiles which are independent of hardware
- Certified compatibility of the ASDIS components with all versions of Windows
- Reduction of upgrade costs by up to 83 percent