


ATM Software Solution

ATM Application Development Environment



 Microsoft Visual Studio
2022

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ATM
SOFTWARE

SOFTWARE

A complete turnkey software development environment for developing self-service applications

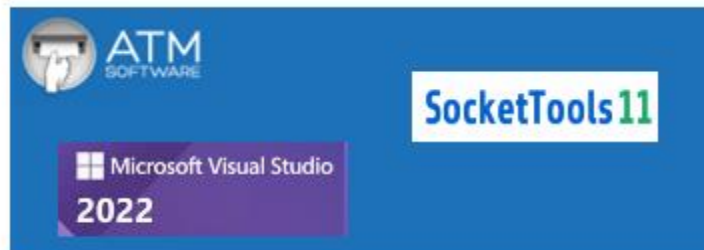
ATM

- Single Microsoft Visual Studio, Visual Basic .NET, Project file containing all the logic for a Self-Service Application – ATM, Kiosk, Statement Printer
- XFS Programming for Cash Dispenser, Card Reader, Media Entry Indicators
- Windows programming for Keyboard, Receipt Printer
- ATM Device access abstracted to facilitate different implementations of XFS, or standard Windows Printers / Keyboards / Touchscreen
- SocketTools Component for implementation of TCP/IP, SSL, Digital Certificates



Management Station

- Implements a Host Emulation system
- Can be used to drive ATM with IT Systems connected via Management Station
- Allows Wi-Fi communication between ATM and Management Station
- Uses SocketTools component for messaging
- User-friendly interface, with easy control of ATM



ATM Management Station



Cash Services ATM
Pay & Collect ATM
Teller Assist ATM

ATM Reference Manual

Reference Manual

- Describes the messaging architecture and, message structures
- Flow Charts describe the implementation of the solution
- Flow Charts show complete ATM transactions

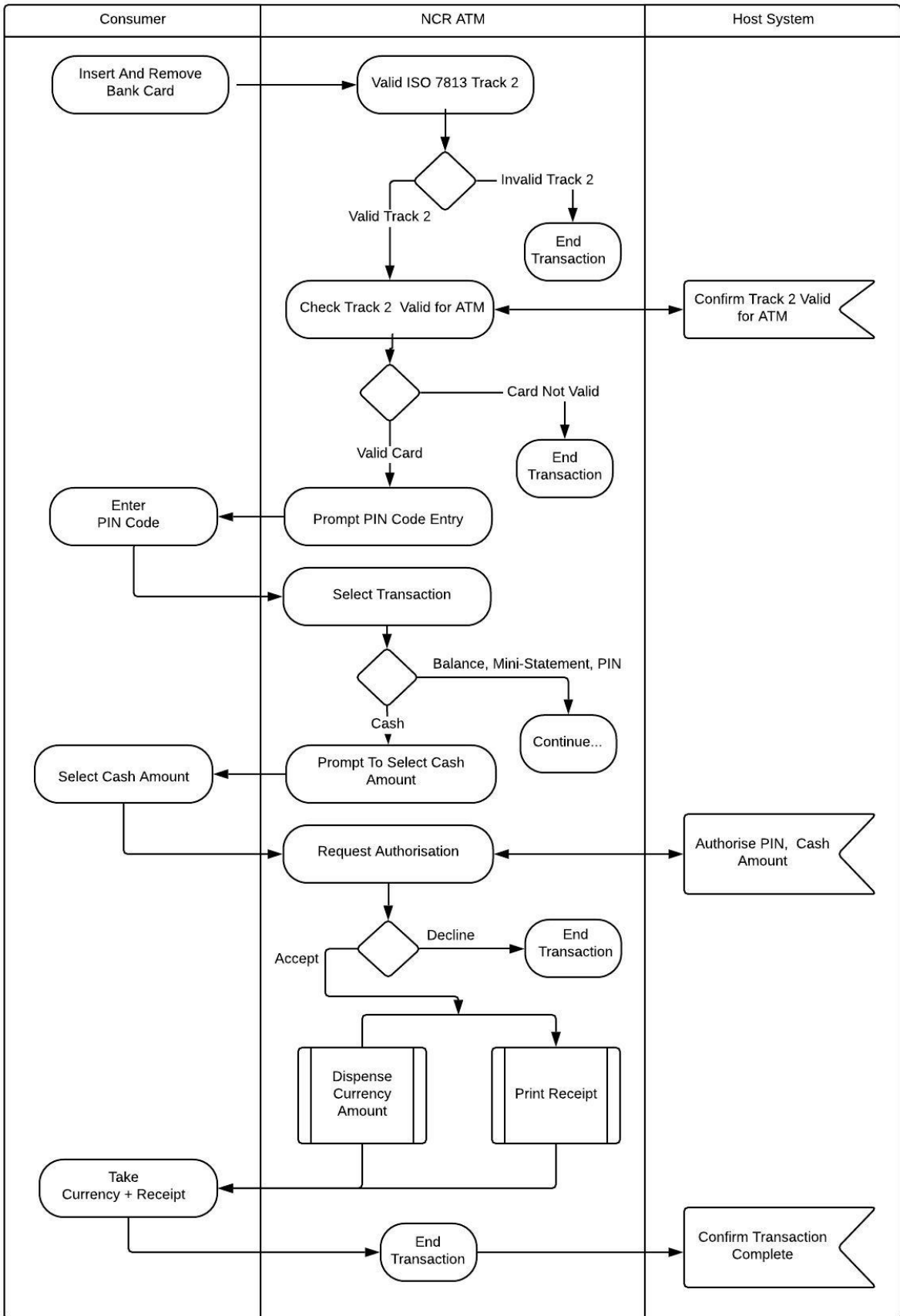


ATM Solution Demonstration System Operating Manual

Operating Manual

- Describes how to configure ATM to allow entry into service
- Describes how to interact online with ATM from Management Station

Cash Transaction Flow Diagram



XFS Device Programming with VB.NET

Course Outline

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Training Course

- Introduction to ATM Devices
- Programming ATM Devices with Microsoft Visual Studio, Visual Basic .NET
- CEN XFS Multi-Vendor Protocol for Device Access
- VB.Net for Keyboards, Receipt Printer
- Workshop based, hands-on, approach. Create a demo ATM application using XFS Components



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