

**WINCOR**



**NIXDORF**

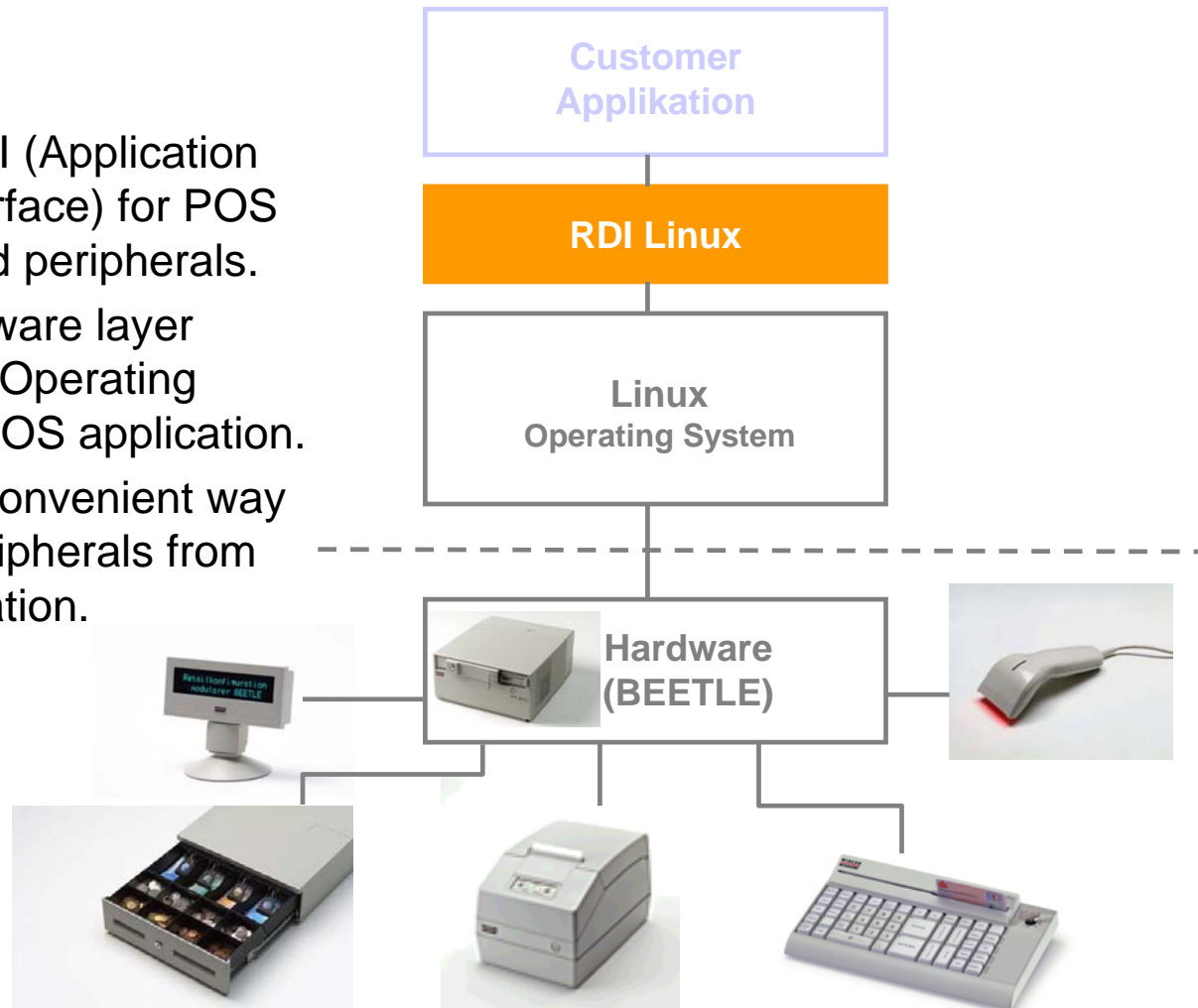
**RDI - The Retail Device Interface**

**A brief overview.**

# RDI Linux At a glance

## RDI Linux – What is it?

- RDI Linux is an API (Application Programmer's Interface) for POS related devices and peripherals.
- RDI Linux is a software layer between the Linux Operating System and your POS application.
- RDI Linux is your convenient way to access POS peripherals from your C/C++ application.



# RDI Linux Functional Overview

- RDI Linux supports POS C/C++ application to migrate from MSDOS™ to Linux operating system.
- Continues the established Retail Device Interface on Linux Operating Systems.
- Offers an interface for C/C++ applications to access WN and other vendors POS Peripherals under Linux.
- Supports a broad range of Linux Operating Systems:
  - Red Hat Linux 7.2
  - Red Hat Linux 8.0
  - Red Hat Linux 9
  - WNLPOS\*

\* Wincor Nixdorf's own Linux Distribution for POS systems

# RDI Linux

## Broad range of Supported Devices

- **POS Printers:**
  - Wincor Nixdorf (e.g. ND210, ND77, TH-2xx, and many more)
  - TPG (e.g. A7156, A7193, etc.)
  - EPSON (e.g. TM-H6000, TM-T88II, TM-T88III, TM-U210, etc.)
- **Fiscal printers:**
  - ND77 MF,
  - MF-THF,
  - etc.
- **Line-Displays:** Wincor Nixdorf BA66/BA63 connected to
  - COM port,
  - USB port, or
  - POS printer
  - BA69 support as line display
- **Keyboards:** Wincor Nixdorf TAX
- **Scanner:** EL18, USB HID
- **Cash drawer:**
  - connected to BEETLE port
  - connected to POS Printers
- **Scale:** Price Calculating scale following the **checkout dialog 06**, WN Scale Controller
- And more...



# RDI Linux More Features...

- Convenient debugging with additional facilities (API trace, “RDI Diag” for logging)
- Asynchronous timer handling
- Clear, modular internal structure for easy maintainability.
- Allows adding of own devices with so-called „external-devices“. Some sample code is included.
- Evident documentation.
- Sample programs included for education purpose.

# RDI Linux Modular internal structure

