

Training

NDIS Driver Development



Agenda

Day 1

UB1

- Short Welcome Introduction
- System Architecture Overview

Pause

UB2

- DDK Environment
- Compiler- und Linker- Environment

Lunch

UB3

- WINDBG
- Development Environment

Pause

UB4

- Introduction into NDIS Architecture
- NDIS Driver Architecture (Miniport / Intermediate)

Training

NDIS Driver Development



Agenda

Day 2

UB1

- NIC and Protocol Objects
- NDIS Driver Junction

Pause

UB2

- NIC Device Parameters
- NIC Resource Management

Lunch

UB3

- NIC IO-Port Access
- NIC Mapped Memory

Pause

UB4

- NIC Hardware Initialization

Training

NDIS Driver Development



Agenda

Day 3

UB1

- NIC Interrupt Objects

Pause

UB2

- NIC Interrupt Handling

Lunch

UB3

- NDIS Data Packets

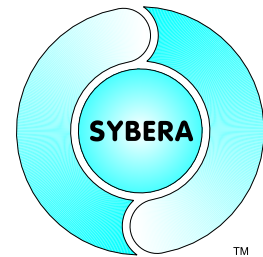
Pause

UB4

- NDIS <-> NIC / Protocol Communication

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NDIS Driver Development



Agenda

Day 4

UB1

- NDIS Buffer Management

Pause

UB2

- NDIS Error Handling

Lunch

UB3

- NDIS Registry
- NIC / Protocol Setup

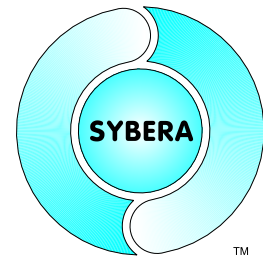
Pause

UB4

- NDIS INF Files

Training

NDIS Driver Development



Agenda

Day 5

UB1

- NDIS Intermediate

Pause

UB2

- NDIS Protokol Handling

Lunch

UB3

- NDIS5.0 PLUG & PLAY

Pause

UB4

- NDIS5.0 POWER-Management