

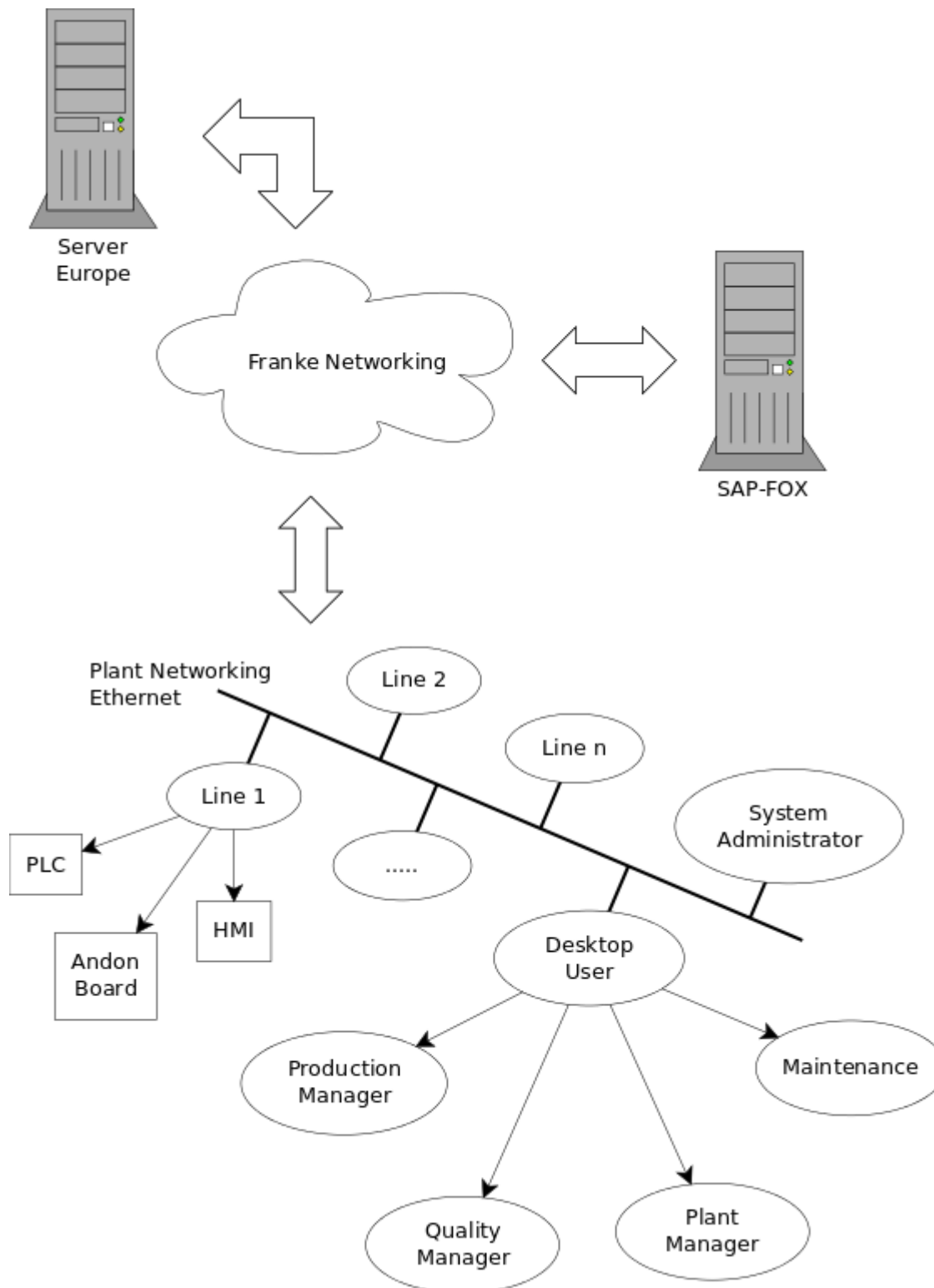
Training Topic

Definition: **NIS: NeXT Improve System**

General overview of NIS

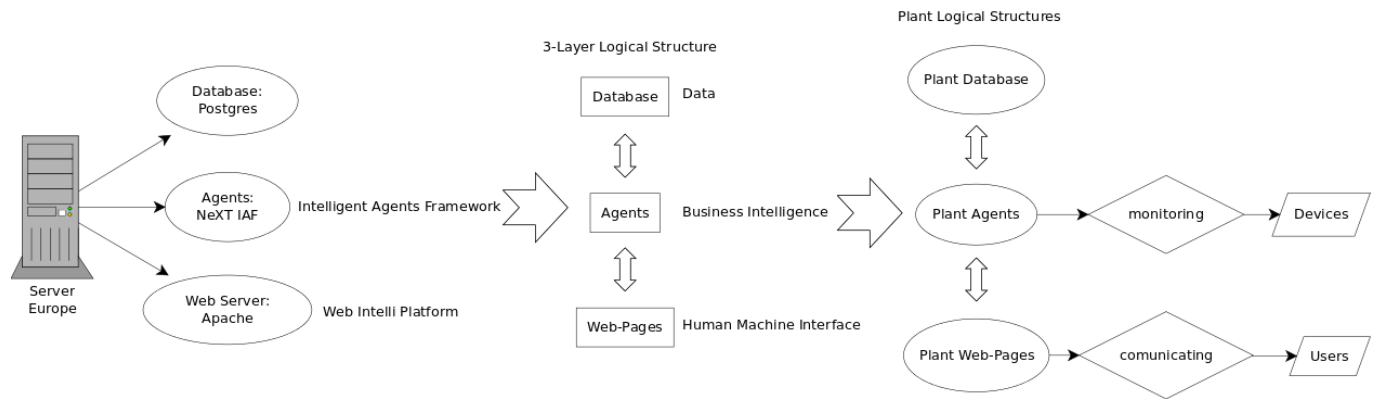
Network

- Architecture



Server

- The aim of the server, the software architecture in server side
 - Database
 - Agents
 - Web-Server



The Field

Touch panels

- Usage

Andon screens

- Architecture
- Data Meaning

Plc

- Kind, Architecture, Aim

Database

Administration

- Managing Users and Permissions

Required Tables - Settings

- Departments
- Machines / Lines
- Stop causes
- Not conformity causes
- Work-Order and Takt Time
- Shift Definition

Operative Data Source

- How does the structure look like (just short)

Data Warehouse

- How does the structure look like (just short)

OEE Calculation

- What are the formulas for RF, RV, RQ related to Franke data
- The time horizon
- The mid-night problem


Evaluation of acquired data

Graphical User Interface Eval / Modify

- Current State of Department
- Short time OEE views
- How can we find incorrect data / plausibility check e.g. target / actual comparison of production time per day, production order, material target / actual comparison of setup time per day, production order, material
- How can errors be corrected on a fast way
- How can unplanned breakes be found fast and be defined with the correct downtime reason

Reports

- Reports in general
- CIC Reports
- Cell Reports
- OEE Overview

 - impact of shifts, just for layout or ?

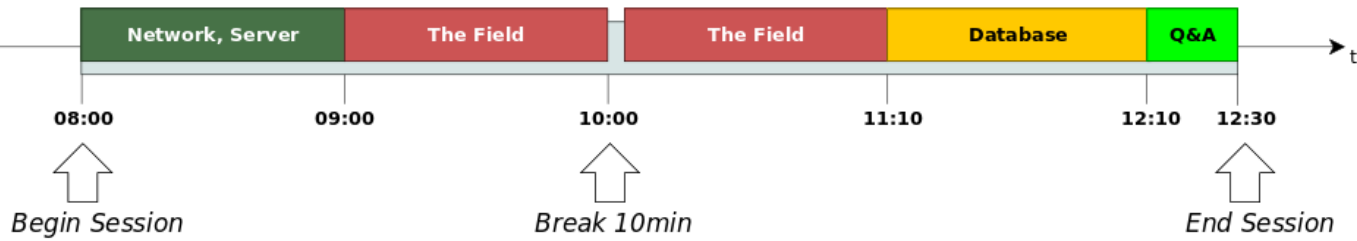
Training Timing

Training executed in 2 sessions one per day:

- First Session
 1. General Overview
 2. Database
- Second Session
 1. OEE Calculation
 2. Evaluation of acquired data
 3. Reports

Following schema describes timing

TRAINING: FIRST SESSION



TRAINING: SECOND SESSION

