

STANDARD

PART 22

IT SYSTEMS A INFRASTRUCTURE

EXECUTION, TERMS, QUALITY, REGULATIONS,
STANDARDS, DELIVERIES, PROVISIONS

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1. General part

1.1 Introductory Provisions

This part of the Mondi Štětí a. s. Standard is binding for the tangible as well as intangible deliveries of the IT systems and infrastructure into the factory of the Mondi Štětí a. s. Standard

Publishing of this part of the Standard does not dispute the validity of the national standards for the deliveries, especially the electrical standards and the standards for the reserved technical equipment. The Czech national standards also apply to the parameters of the delivery not mentioned herein.

The parts of the Standard are available in the Czech and English languages as electronic documents.

This part of the Mondi Štětí a. s. Standard applies to the deliveries of:

1. Project related to any IT system linked up to the other sectors
2. IT systems comprising:
 - power supply,
 - communication interfaces,
 - computer network,
 - any hardware.
4. any software.

1.2 Terminology and Abbreviations

Mondi Štětí a. s. **Standard** - the document of the quality control system, including the set of the Mondi Štětí a. s. requirements related to the scope and quality of deliveries and services.

part of the Standard - a part of the Mondi Štětí a. s. Standard, published as a separate volume, stipulating the requirements for the scope and quality of deliveries and services in a single sector or a type of activity.

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2. IT infrastructure delivery

2.1 Basic Principles in IT infrastructure deliveries

- Every intention about IT infrastructure has to be discussed with local IT department.
- Project team has to approve and sign technical design together with local IT department.
- It is forbidden to install or implement any IT equipment without approval of local IT department.

2.2 IT infrastructure

1) metallic cables

- recommended vendor - Panduit, Belden
- parameters - UTP, cat 5e or 6 - depends on place

2) optical cables

- recommended vendor - Belden, CDT, Schrack,
- parameters - single mode 9/125 µm

3) optical cables protection

- protective pipe has to be fire resistant and UV stabil – for example flexible black KOPOFLEX UVFA 32mm etc.

4) switches, firewalls, routers

- Cisco - access switches: Cisco - access switches: Catalyst 9200L 24-port nebo 48-port PoE+, 4 x 10G
- parameters – depends on place

5) Wifi

- AP and controllers Cisco – C9120AXI-E, C9120AXE-E, C9124AXE - depends on place,
- controller Cisco Catalyst 9800 - SV 17.3.6
- parameters- depends on place

6) SFP converter

- Cisco
- parameters – depends on place

7) connectors, panels, organizers

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- Panduit, Belden
- parameters – depends on place, connectors SC

8) warranty

- 15 years for new delivered optical and metallic cables

3. Documentation

All deliveries have to be documented in electronic, editable form – for example AutoCad. Delivery can be accepted only with complete documentation.

4. Software

- **Every intention about IT systems has to be discussed with local IT department.**
- **Project team has to approve and sign technical design together with local IT department.**
- **It is forbidden to install or implement any IT equipment without approval of local IT department.**

Any Microsoft licence has to be bought with IT department and Mondi AG licence auditor approval. Approved licences will be bought according to rules of Mondi AG.

Any delivered licences have to be in compliance with licence rules of the producer.

Any software licence has to be invoiced as a separate item within delivery. The item has to contain the following information on the invoice:

- Software name and licence (Microsoft Office etc.)
- Licence version (Professional 2016 etc.)
- Number of licences or users
- Price

5. Suppliers and vendors

It is necessary to discuss any exception with IT department and document it.

DELL – computers

Cisco – network

Panduit, Belden – metallic cables

SoftwareOne – licences Microsoft (corporate agreement)

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6. Cybersecurity

All vendors who deliver IT or OT systems have to follow cybersecurity demands defined in the **IT and OT technical security standard**. The document is a part of Technical Standard no.22..

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