

Employer
SAKO BRNO A.S.

Project
**High-efficient combined heat and power facility utilizing renewable sources (OHB
II - line K1)**

Date
February 2021

PART III, APPENDIX A17 **CONCEPT DIAGRAMS FOR** **AUTOMATION**



PART III, APPENDIX A17
CONCEPT DIAGRAMS FOR AUTOMATION

Project name **High-efficient combined heat and power facility utilizing renewable sources
(OHB II - line K1)**
Version **1**
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Documentation **Procurement documentation – Part III – Employer’s Requirements**

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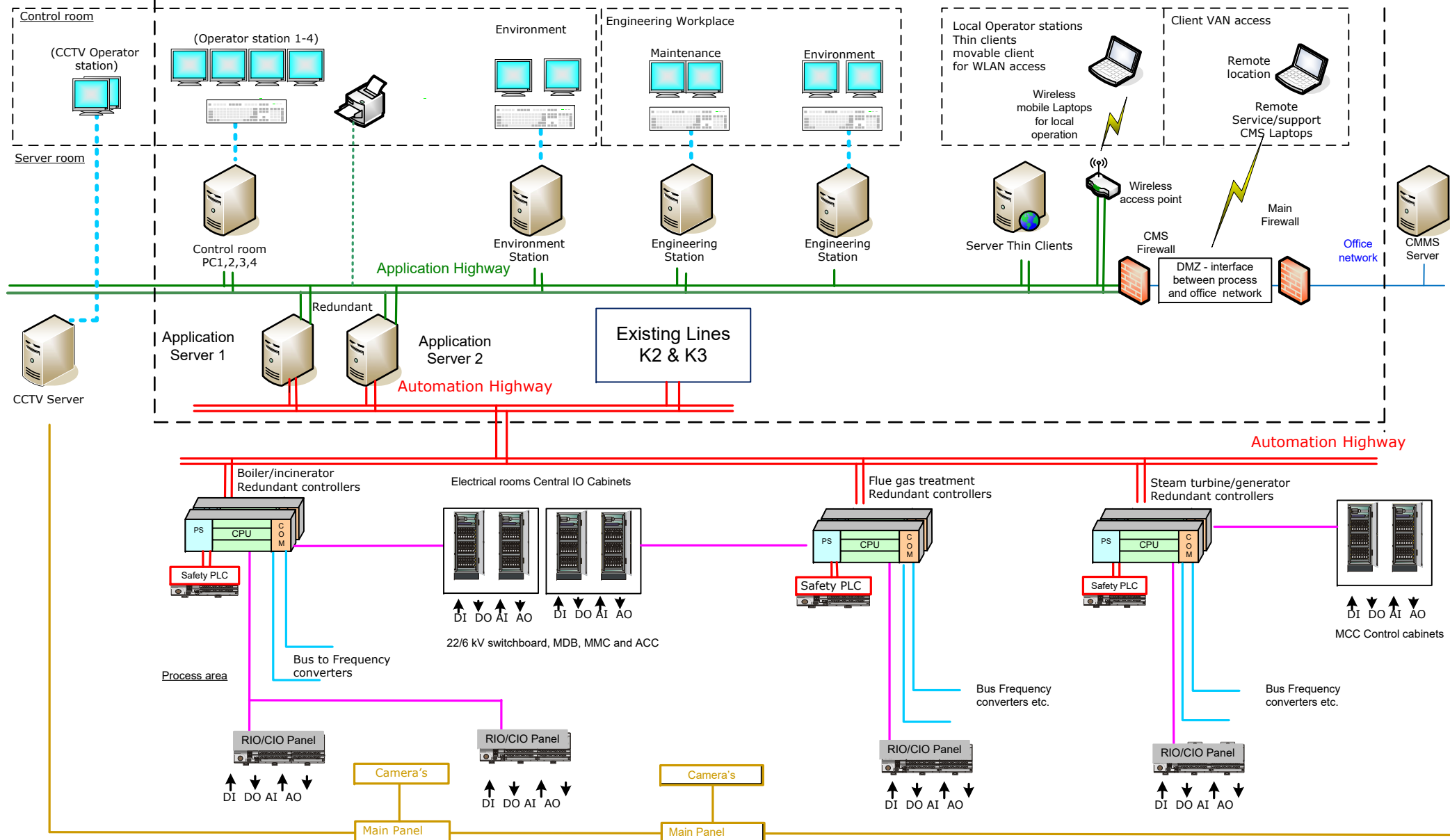
Appendix A17.1, CMS Topology

Appendix A17.2, Automation Concept, Principle

Appendix A17.3, Standard interface between CMS and Process

Appendix A17.4, Principle for RIO panel

Existing Siemens SPPA-T3000 CMS system



LEGEND

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
3	Final	2020-11-17	TRT

FILENAME Appendix 17 Concept Diagram for Automation

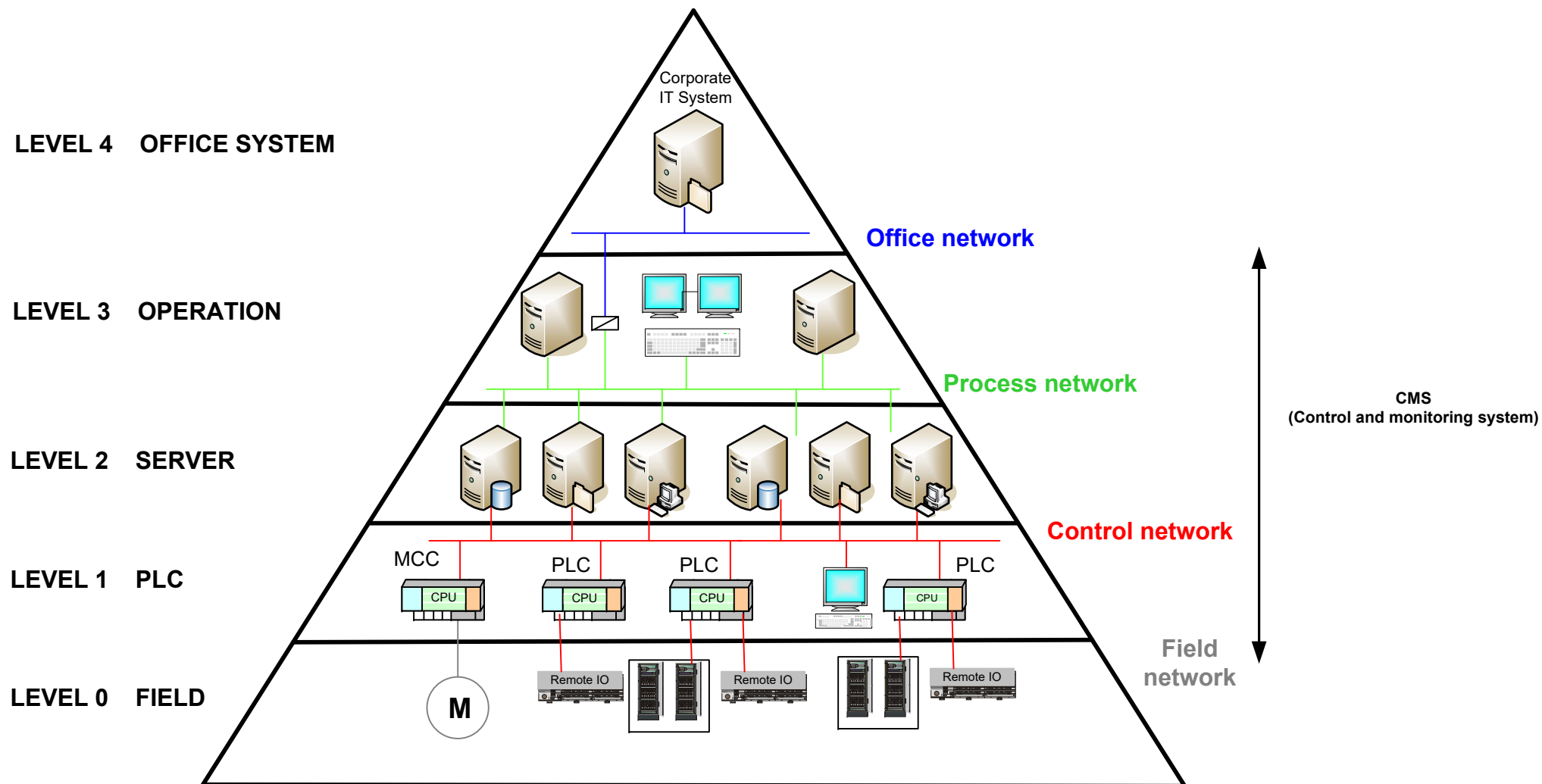
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CMS Topology


SAKO EfW Plant, Line K1

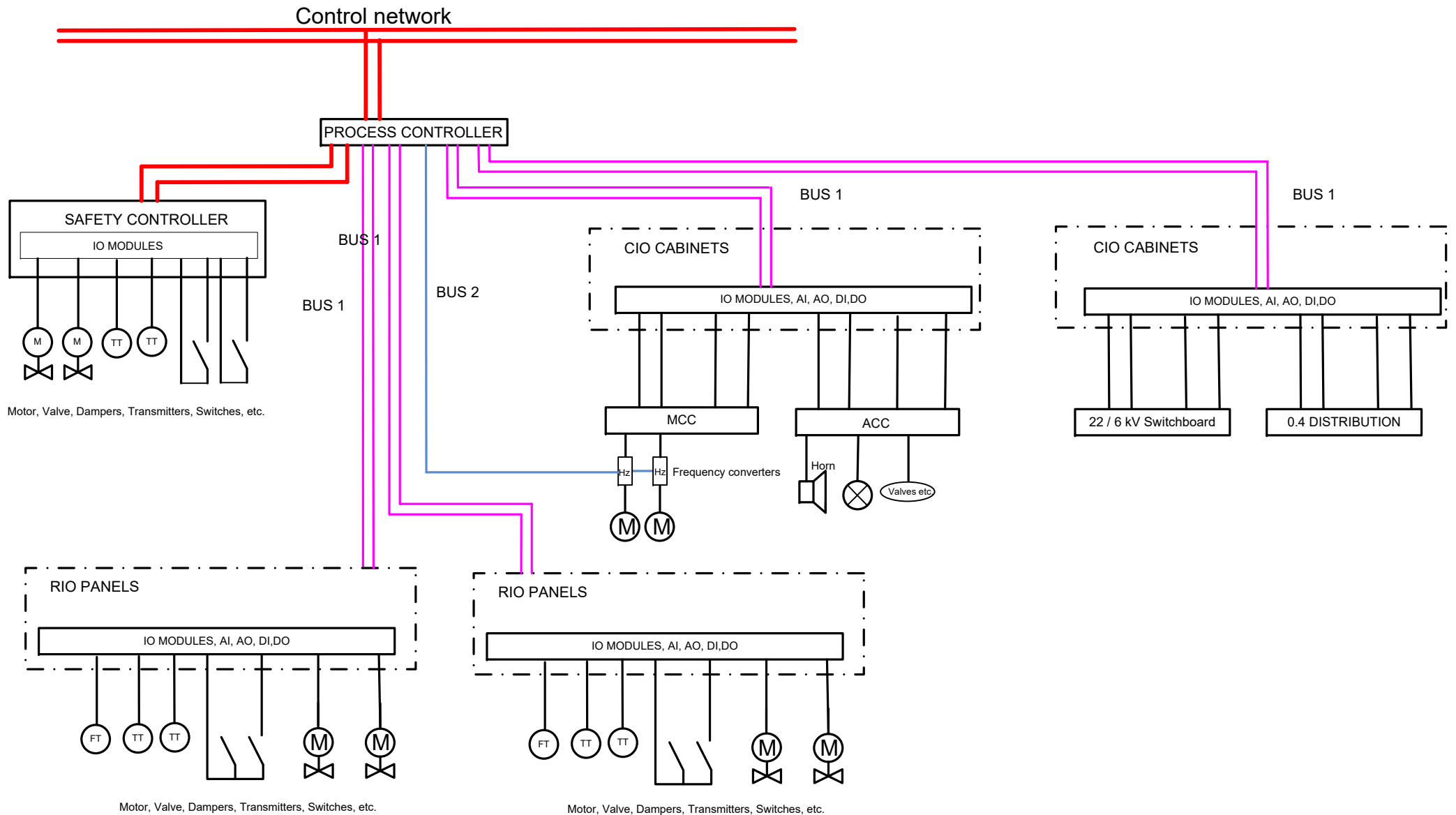
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LEGEND

- Office network
- Process network
- Control network
- Field network

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REV	DESCRIPTION	DATE	APPROVED		SAKO EfW Plant, Line K1			
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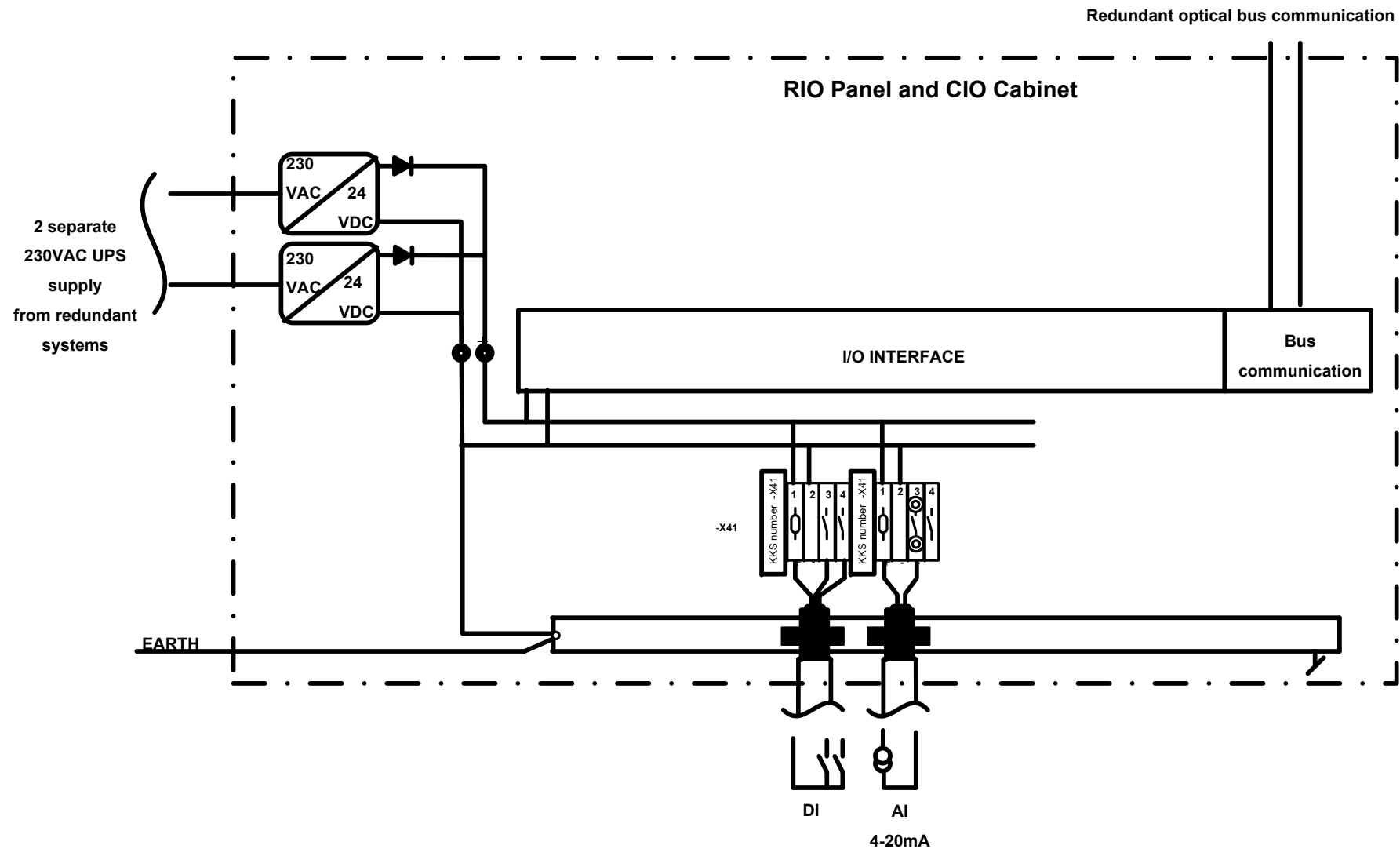


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- Control Network
- Bus 1: Redundant optical fiber
- Bus 2: To Frequency converters
- Hardwired signals

MCC Motor Control Centre
ACC Auxiliary Control Center (for auxiliary equipment)

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REV	DESCRIPTION	DATE	APPROVED		SAKO EfW Plant, Line K1			
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