

Kybernetická Bezpečnost

“Jsme docela v bezpečí” – Opravdu ?



BOHEMIA MARKET
www.bm.company

Compliance is not Security

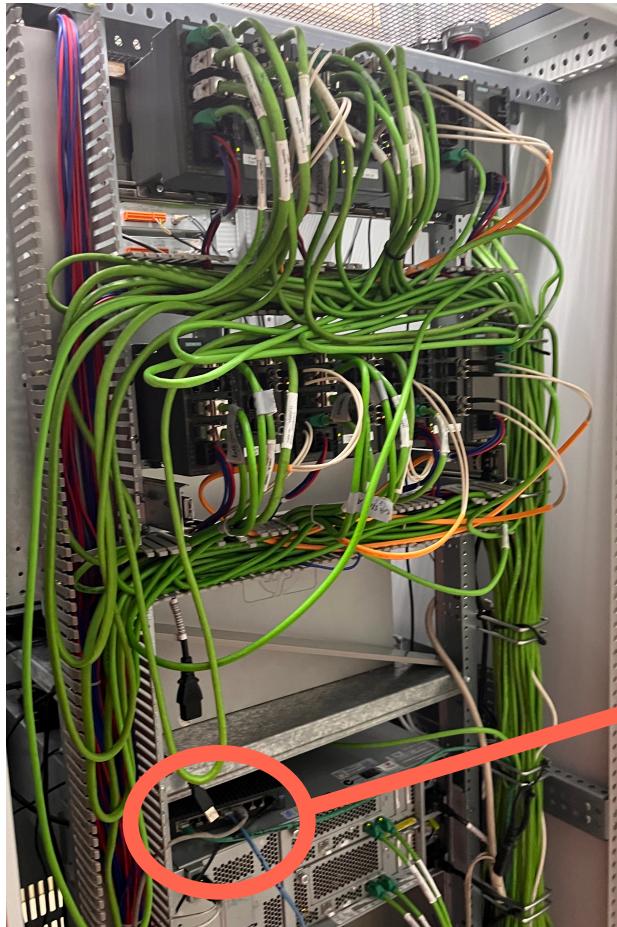
Falešný pocit bezpečí

| Company | SOC 2 | SOC 3 | FedRAMP | PCI DSS | ISO/IEC 27001 | BSI C5 | Data breach |
|-----------|-------|-------|---------|---------|---------------|--------|-------------|
| Atlassian | Yes | | Yes | Yes | Yes | | Yes |
| MailChimp | Yes | | | Yes | Yes | Yes | Yes |
| Slack | Yes | Yes | | Yes | Yes | Yes | Yes |
| LastPass | Yes | Yes | | Yes | Yes | Yes | Yes |
| Dropbox | Yes | Yes | | Yes | Yes | Yes | Yes |
| Uber | Yes | | | Yes | Yes | | Yes |



IT Compliance - Realita

Plně zauditovaný systém odpovídající IEC 27001



BOHEMIA MARKET
www.bm.company

BM Digital, April 2023, Rev. 1

Control Systems Continuity Solutions

Zajištění provozní kontinuity řídících systémů

Just imagine that there were a phone number to call and an actionable procedure ready for each piece of equipment at your power station ...



BOHEMIA MARKET
www.bm.company

We make your dream come through

Krok 1 - Seznam Zařízení

The screenshot displays a complex software interface for managing industrial equipment and projects. On the left, a sidebar lists various components under sections like '00CRA01' and '00CRY01 - Front'. The main area contains several tabs and windows:

- Pending tasks (4842):** A list of tasks categorized by project, including '00CRY01.AA01 - EXT-01 - p00firew01 - CRSP to termsrv01' and '00CRY01.AA02 - EXT-14 - p00firew02 - DCS Unit Common to DCS Ash Handling'.
- 00CRY01.AA02 - EXT-14 - p00firew02 - DCS Unit Common to DCS Ash Handling:** A detailed view of a specific task. It includes a 'Device CyberSecurity Data Sheet' for a 'Scalance S612 Firewall "dmzswt01 to DCS Ash handling."'. The sheet provides technical details such as KKS (00CR001.GN302), Location (00CRY01.AA02), MAC (00:1B:1B:B9:75:88), Device name (p00firew02), Device manufacturer (Siemens), Device model No. (Scalance S612 / 6GK5612-0BA10-2AA3), and Device version (Product is cancelled since: 01.10.2019). OEM Notes mention that it's a Spare Part. The Firmware version is listed as FIRMWARE Ver4.0. Below the sheet is a photograph of the physical hardware.
- Equipment Risk Matrix (2):** A matrix showing risk levels (Impact: Catastrophic, Marginal, Negligible; Probability: 10% - Marginal, 25% - Low, 50% - Medium, 75% - High, 90% - Urgent) for two items.
- Equipment Identified Risks (2):** A table listing risks identified for specific assets. One entry is for 'OEM Vulnerabilities' (ID: 327) and another for 'p00firew02 out of service' (ID: 326).
- Surveyor Notes:** Notes indicating that an internal port is inactive and cables 00CRY6729 and 00CRY6730 are in reverse, thus the firewall can't work.
- Project Information:** Shows a progress bar at 6% completion and an estimated time total of 4h.
- Networking Information:** A table showing host names, port IDs, IP addresses, cable numbers, and destinations for two network interfaces: 'p00firew02 - Internal' and 'p00firew02 - external'.



Device Cybersecurity and Maintenance Datasheet

Device Location, Name, Description

Links to tools such as requirements Matrix

Project hierarchy navigation

Risk Matrix

List of identified risks

Tasks to be performed

Tasks Generated automatically from requirements Matrix

Device Description

Device Details

- IP / MAC Address
- Hostname
- MODEL NUMBER
- Firmware Version
- Link to product
- Vulnerabilities

Photo Documentation

Network documentation

Can navigate between devices

Scalance S612 Firewall "dmzswt01 to DCS Ash handling."
The EXT connection is connected to the adjacent switch, which is used for the wrong purpose!
The Ash handling is not connected - the adjacent switch is used for the CCTV networks ... CCTV network should not be connected with DCS even via firewall. This equipment to be deactivated or use for its intended purpose!

| PARAMETER | VALUE |
|---------------------|---|
| KKS | 0.CCRY01.GN302 |
| Location | 0.CCRY01.AA02 |
| MAC | 00:1B:1B:89:75:B8 |
| Device name | p00firew02 |
| Device manufacturer | Siemens |
| Device No. | Scalance S612 / 6GK5612-0BA10-2AA3 |
| Device version | Product is cancelled since: 01.10.2019 |
| DEM Notes | Successor: Depending on the requirement, SCALANCE S611 or SC400 can be used. This product is a Spare Part, please visit the Spares & Service section for more information. If you need assistance, please contact our local Siemens office. |
| Firmware version | FIRMWARE v4r.0 |

| Impact | 10% - Marginal | 25% - Low | 50% - Medium | 75% - High | 90% - Urgent |
|--------------|----------------|-----------|--------------|------------|--------------|
| Catastrophic | 0 | 0 | 0 | 0 | 0 |
| Critical | 0 | 0 | 1 | 0 | 2 |
| Marginal | 0 | 0 | 0 | 0 | 0 |
| Negligible | 0 | 0 | 0 | 0 | 0 |

| ID | NAME | PROJECT | SEVERITY | AUTHOR | ASSIGNEE |
|-----|---------------------------|---|----------|------------------|----------------------|
| 212 | OEM Vulnerabilities | 0.CCRY01.AA02 - EXT-14 - p00firew02 - DCS Unit Common to DCS Ash Handling | HIGH | Adela Neubergová | Palton Cybersecurity |
| 110 | p00firew02 out of service | 0.CCRY01.AA02 - EXT-14 - p00firew02 - DCS Unit Common to DCS Ash Handling | HIGH | Petr Rousc | |
| 92 | Default Credentials | 0.CCRY01.AA02 - EXT-14 - p00firew02 - DCS Unit Common to DCS Ash Handling | MEDIUM | Petr Rousc | |

| ID | SUBJECT | STATUS | ASSIGNEE | DUEDATE |
|------|---|-------------|----------|---------|
| 4699 | M1.3.7 - P2 - ADDRESSING SECURITY IN THIRD PARTY AGREEMENTS | In progress | | -- |
| 4700 | T1.4.1 - P1 - MANAGEMENT OF REMOVABLE MEDIA | New | | -- |



Krok 2 - Vytvoření Plánů a Procedur

Jak to obnovit?

- Backup procedures
- Recovery procedures
- Testing procedure
- Data storage procedures
- Spare parts evaluation

- P0052.01-EN-2019-06-02 - Reliance OPC UA, NodeRED connection
- P0053.01-EN-2019-10-03 - PSS Test Procedure - DRAFT
- P0054.01-EN-2019-10-24 - Additional CP1430 card installation
- P0055.01-EN-2020-06-13 - PEDRONEL - Router restart procedure
- P0056-01-EN-2020-11-18 - Site Access Via Link Manager
- P0056a-01-EN-2022-04-07 - Link Manager Timeout Settings
- P0057-01-EN-2020-11-19 - SECOMEYA Manager Setup - DRAFT
- P0058-01-EN-2021-01-01 - Virtual E...oot and Backu server Setup - DRAFT
- P0059-01-EN-2021-01-08 - Creating Service Box Server at AWS - DRAFT
- P0060-01-EN-2021-01-08 - KVM Configuration and Setup - DRAFT
- P0061-01-EN-2020-12-23 - Configuration of Combined OT and MX
- P0062-01-EN-2020-03-08 - ES680 - HP Unix - MAC address
- P0063-01-EN-2021-05-01 - SAMPLER
- P0065-01-EN-2021-09-13 - Hirschmann RDD (Data Diode) Setup
- P0067.02-EN-2022-07-23 - OMLEX QA QC
- P0068.01-EN-2022-02-02 - WORKSPACE Setup (ex. Shuweiha...+1)
- P0069.02-EN-2012-10-01 - SERVER via AD connection
- P0070.01-EN-2022-02-09 - FORTINET Connections
- P0071-01-EN-2022-02-11 - Build New TXP LZA on SCO Unix
- P0072-01-EN-222-02-28 - Autocont CLOUD procedures
- PR0073-01-EN-2022-03-29 - T3000 Connection to LAB
- PR0074-01-EN-2022-03-29 - pfSense Setup AWS
- PR0075.01-EN-2022-03-29 - Horn, Acoustic alarm, OMIO proc
- PR0077.01-EN-2022-07-13 - OPC UA BM server certificate re
- PR0078.01-EN-2022-08-11 - T2000 OM Computers hostname
- PR0079.01-EN-2022-08-17 - Recovery Buch File - MOD Catalog
- PR0080-01-EN-2022-09-02 - Backup and Restore by Clonezilla
- PR0081-01-EN-2022-09-20 - Debiation Procedure and VMOD
- PR0082.01-EN-2022-10-11 - EPMS e...DataWebView SSL certi
- PR0083.01-EN-2022-10-11 - EPMS edra.report SSL certificate
- PR0084-01-EN-2022-12-12 - OPC UA installation and Historia
- PR0085-01-EN-2022-12-16 - Upload and Download Data into
- PR0086-01-EN-2022-12-26 - Data Center Autocont - NAS Jo
- PR0087-01-EN-2023-02-16 - All Ab...LEX Migration and back

| | | |
|--|---|--|
| Bohemia Market, s.r.o. Tel: +420 565 533 729 Email: support@bm.company Czech Republic | Document Title VMOD OS Installation and Initial settings | Document registration no. PR0081.01-EN-2022-10-03 |
| Bohemia Market Procedure | Revision 1 | Revision Date Oct. 03, 2022 |

| Commissioning Procedure TELEPERM XP VMOD OS Installation and Initial settings | | |
|---|------------------------------|---------------|
| Bohemia Market | | |
| Document Responsibility Assignment Matrix | | |
| Responsible | TXP Engineer | Anthony Horri |
| Accountable | BM Service Team Manager | Petr Roupec |
| Consulted | NA | |
| Informed | All Bohemia Market Engineers | |
| Review Frequency | one | |

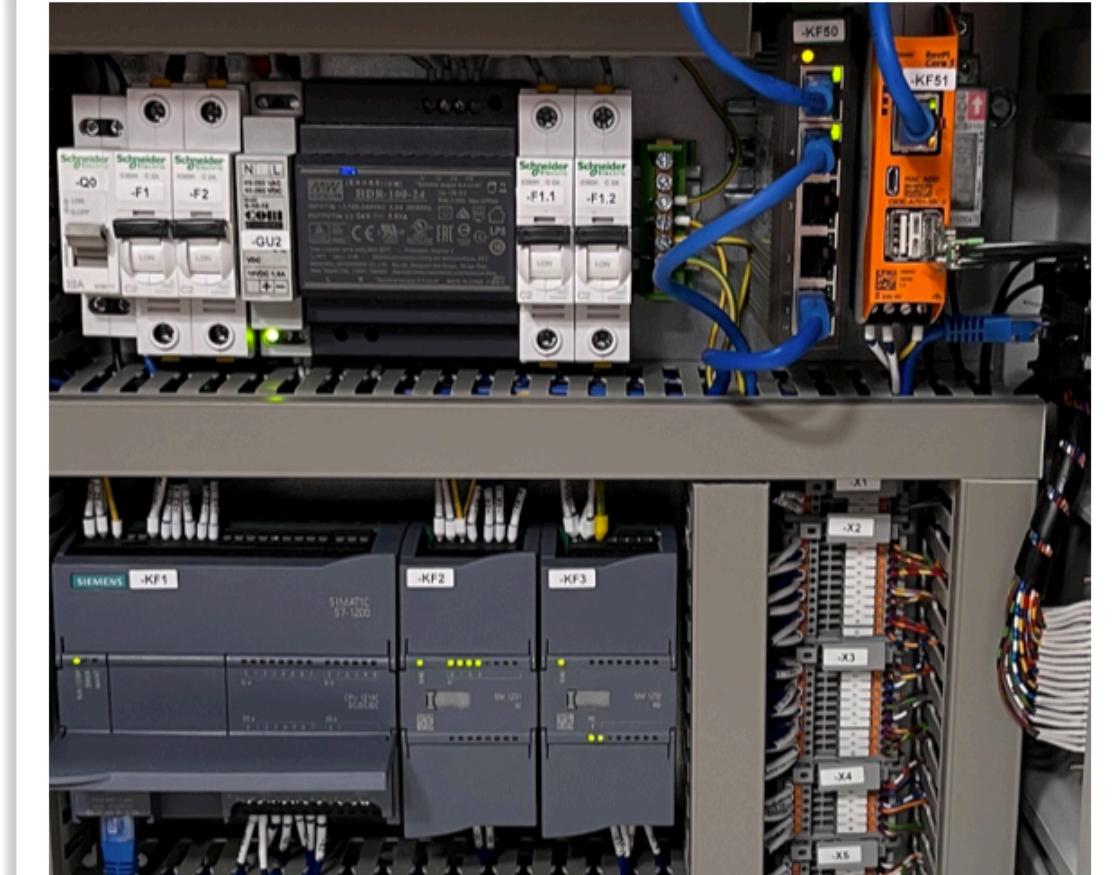
Control Systems Continuity Solutions

Kapitoly ze "Cybersecurity Příručky"

- (01) - Cybersecurity Governance (CSG)
- (02) - Cybersecurity Risk Management (CSRМ)
- (03) - Cybersecurity Performance Evaluation (CSPE)
- (04) - Asset Management (AM)**
- (05) - Backup Management (BM)**
- (06) - Cloud Security (CS)
- (07) - Configuration and Change Management (CCM)
- (08) - Cryptography Control (CC)
- (09) - Cybersecurity Continuity Management (CSCM)**
- (10) - Cybersecurity in Project Management (CSPM)
- (11) - Cybersecurity Incident Management (CSIM)
- (12) - Data Protection and Privacy (DPP)
- (13) - Human Resource Security (HRS)
- (14) - Identity Access Management (IAM)
- (15) - Legal, Contractual and Regulatory Compliance (LCRC)
- (16) - Logging and Monitoring (LM)
- (17) - Network Security Management (NSM)
- (18) - Physical and Environment Security (PES)
- (19) - Third Party Risk Management (TPRM)
- (20) - Vulnerability Management (VM)**



Kybernetický útok





BOHEMIA MARKET
www.bm.company