

Sps Rohatec - stávající stav

The diagram illustrates the existing system architecture for Sps Rohatec. It shows the following components and their interconnections:

- RTU 560**: The central control unit, featuring a terminal block with multiple inputs and outputs.
- Power Sources**:
 - AG2 (24V DC)**: Connected to the **napajeni PLC** input of the RTU.
 - ANG (230V AC)**: Connected to the **napaj.serv.z.** input of the RTU.
- Inputs**:
 - Ost.tech. (vstup)**: Connected to the RTU.
 - DOUO (1x)**: Connected to the RTU via an **opto MM** interface.
 - RTOC2**: Connected to the RTU.
 - ATJ, AG1 (110V DC)**: Connected to the RTU.
 - ASF (techn.SpS)**: Connected to the RTU.
- Modem Unit**: A **Průběžný zesilovač modemové jednotky** is connected to the RTU's modem port.
- Switchgear**: A **prechodové svorkovnice** (transition terminal block) is connected to the RTU's output terminals.
- Kab zavery**: A cable termination unit containing a **zakončení DK kabelu** (cable termination) and **Translatory 600:600 4V**.
- ED Brno**: The external system, connected via a **metalský kabel** (metal cable). It includes:
 - Kabel.zavery**: A cable termination unit.
 - Sal serveru**: A server rack containing a **modemova jednotka ve vane RTU** and a **Ridici system RTis**.

The diagram uses dashed lines to represent connections and solid lines for physical wiring. The RTU 560 is shown with its internal components and external connections.

Sps Rohatec - navržený stav

The diagram illustrates the proposed state of the SPS Rohatec system, organized into several functional areas:

- Power Supply Section:** Includes AG2 (24V DC), ANG (230V AC), Ost.tech. (vstup), DOUO (MS1,2) IE-SW-BL05-4TX-1SC, POZ8-16/PLC, OTR HIS, ATJ, AG1 (110V DC), and ASF (techn.SpS). These are connected to a central power distribution unit.
- RTU 560 (rekonstrukce Hw+Sw):** A central processing unit with Ethernet connectivity, receiving input from various sensors and actuators.
- Kab zavery:** A section detailing cable specifications: zakončení DK kabelu čtyřka c.21K1,2, 37K1,2, čtyřka c. 38K1,2, and Translatory 600:600 4V.
- RACK - SDĚL.:** A rack containing network equipment like ODF POK, TechLAN SFP, L2, 8xEth., PoE, and C2960C-8TC-L, connected via DŘT and Servisní port DŘT.
- ŽST HODONIN, ATÚ žkm 104,280:** A section showing network infrastructure including SDH STM-4, Intranet, L2, MC, C2950, TechLAN, 24xEth., L2, C2960X-24TS-L, and POK 12vl.
- Řídicí systém RTIs:** The central control system, labeled "Doplňeni a uprava řidícího systému". It manages LAN A and LAN B, which connect to monitor UPS 1, PDP, and monitor UPS 2, forming a přenosový systém.

Vysvětlivky:

- - - - - Kabely budované v rámci PS 20-05-01
- [] Zařízení doplňované v rámci PS 20-05-01
- [] Zařízení řešené v rámci PS 20-14-02
- [] Zařízení řešené v rámci SO 20-06-01
- — — — — Zařízení stávající nebo upravovaná v jiných PS,SO

Barevné provedení je pouze informativní.