



Rittal – The System.

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The screenshot displays the RiZone software interface with the following components:

- Left Panel (Location/Devices):** A tree view showing the hierarchy: AC4DC > Rittal > Haiger > RiMatrixS > Container1 > Schrankreihe > Schrank1-7. Below this are various sensors and actuators like R6_Pressure, R4_Pressure, R2_Pressure, C1_T_kalt, C2_T_kalt, C3_T_kalt, PMC-120, PSM-MID-M16, and power/cooling modules.
- Top Panel (Views):** [17957] QM-T: Views, [20209] LCP: Variables, [17957] QM-T: Charts.
- Table (Variables):**

| ID | Name | Value | Unit | Maintenance group |
|-------|----------------------------------|------------------|------|-------------------|
| 20293 | Water.Control-Valve.DescName | Control-Valve | | Set |
| 20294 | Water.Control-Valve.ActualValue | 66 | % | |
| 20296 | Water.Control-Valve.Status | OK | | |
| 20501 | Water.Cooling Capacity.DescName | Cooling-Capacity | | Set |
| 20502 | Water.Cooling Capacity.Value | 0 | W | |
| 20304 | Water.Cooling Capacity.Status | OK | | |
| 20503 | Water.Leakage Sensor.DescName | Leakage | | Set |
| 20301 | Water.Leakage Sensor.Input | 0 | | |
| 20312 | Water.Leakage Sensor.Status | OK | | |
| 20504 | Water.Condensate Sensor.DescName | Condensate | | Set |
| 20505 | Water.Condensate Sensor.Input | 0 | | |
| 20506 | Water.Condensate Sensor.Pump | 0 | | |
| 20306 | Water.Condensate Sensor.Cycles | 0 | | |
| 20307 | Water.Condensate Sensor.Duration | 0 | s | |
| 20316 | Water.Condensate Sensor.Status | Off | | |
| 20310 | Config.Fans.Command | Manual | | Set |
| 20311 | Config.Control-Valve.Command | Manual | | Set |
| 20507 | Config.Fans.Fan1 | 55 | % | Set |
| 20508 | Config.Fans.Fan2 | 55 | % | Set |
| 20263 | Config.Fans.Fan3 | 55 | % | Set |
| 20509 | Config.Fans.Fan4 | 55 | % | Set |
| 20314 | Config.Fans.Fan5 | 55 | % | Set |
| 20315 | Config.Fans.Fan6 | 55 | % | Set |
| 20510 | Config.Control-Valve.Valve | 65 | % | Set |
- Bottom Left Panel (Component Details):**
 - Component:** ID: 20209, Name: LCP, Model number: 3311.260, Component type: LCP, Description: , Temperature unit: CELSIUS, Device index: 2.
 - Driver description:** Name: Rittal_Sensor_Generic, Version: 1.1.0, Supported devices: see documentation for a list of supported.
- Bottom Right Panel (Messages):**
 - Category filter on current list: Show all messages categories from current list
 - Timespan filter on current list: All
 - Status filter on current list: All
 - Table with columns: Timestamp, Elapsed time, Process, Owner, State, Description.
 - Messages include monitoring alerts for PU-T2 1963, R6_T_warm_mitte 11381, and LCP 20209.

DK 7990.203

RiZone Appliance Standard

State: 27/09/2024 (Source: rittal.com/uk-en)



DK 7990.203 - RiZone Appliance Standard

RiZone is supplied as a software appliance.

Features

| | |
|-----------------------|---|
| Model No. | DK 7990.203 |
| Design | Software Appliance: RiZone software |
| Product description | RiZone is supplied as a software appliance. The software appliance is available as a virtual server in Open Virtualization Format (OVF) which is easily used on existing hardware in the data centre. |
| Product modification | The RiZone appliance is supplied with Version 3.5 of RiZone. Supports the current Microsoft Server operating system 2012R2. The local database uses SQL Express 2012. |
| Note | RiZone supports the protocols SNMP V1/V2C and SNMP V3 for monitoring infrastructure components (OT devices) in a data centre. RiZone is manufacturer-neutral and suitable for use in a heterogeneous landscape of OT devices. |
| Packs of | 1 pc(s). |
| Customs tariff number | 85234920 |
| EAN | 4028177665705 |
| ETIM 7.0 | EC000501 |
| ECLASS 8.0 | 19240201 |

Tender text

RiZone Server Appliance, software

A management software is needed for the physical infrastructure of a data centre to monitor, or if necessary, to control the cooling, power supply/distribution and security areas.

It must include the following functions and features:

- Input of all infrastructure sensor values, busbar values and cooling values via SNMP
- Logging of warnings and alarms by means of SNMP traps
- Storage of all data in a SQL database (MSSQL or Oracle)
- Easy and quick data centre project planning by means of site trees, views, charts/diagrams
- Line, pie and Gantt charts/diagrams
- Graphics already stored for standard units
- Integration of existing data centre floorplans (jpg format)
- Standard charts are available
- Calculation Engine to be able to calculate values within the software (e.g. PUE)
- Dashboard functionality
- Monitoring the states of all components via a graphic display
- Simple preparation of charts and diagrams based on all data available
- Simple creation of automatic procedures (What happens if...)
- Control of infrastructure by writing values via SNMP
- Link to superordinate management systems via Management Pack (SCOM) or SNMP
- Simple software configuration, ideally supplied as appliance (software or hardware).
Software appliance as VM for VMWare, Hyper-V or Xen.
- Client/server architecture, clients must operate under Windows XP/Vista/7
- Report function

- User administration with roles/rights. Exact definition "who may do what" down to a single sensor
- Scalability from a 1-rack data centre up to a large data centre
- Modular licencing, simple re-licencing for growing data centre