RTD-714

SD-WANROVER

Multi-wan
DYNAMIC AGGREGATION

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HI-QOS
Efficient
and stable
Links

SECURITY
Closed network

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SAVINGS
Extends the life-cycle of existing
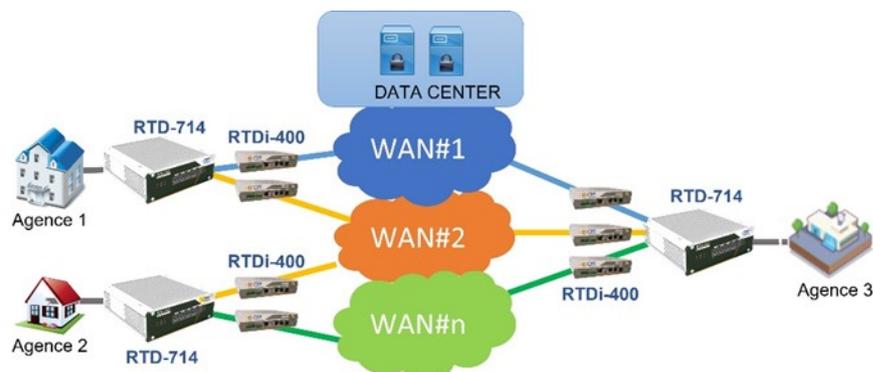telecom infrastructures

Introduction

RTD-714 router allows to aggregate multiple telecom links in between several sites of a same company or administration in a secured manner and an unparalelled quality of service.

RTD-714 differs from the exisitng solutions in the market thanks to its specific and highly innovative SD-WAN features:

- It ensures the aggregation of all types of telecoms links (ADSL, 4G, radio, satellite, fiber, etc.) coming from different service providers. Data ar transmitted on all available telecoms links simultaneously, thus guaranteing the best overall bandwidth.

- The aggregation function adapts to fluctuations in WAN networks and compensates for the effects of varying bandwidth and latency. The result is a consistent quality of experience for users who benefit from a high quality of network services in all circumstances.

- All traffic is encapsulated in a private network over a single IP address towards a dedicated Data Center server. Data is therefore completely secured when crossing WAN networks. Les données sont fractionnées sur tous les liens télécoms ce qui garantit leur inviolabilité de bout en bout.

- The RTD-714 operating system is designed for SD-WAN, is compact and secured in order to provide optimal performance. For example, system's boot time is only a few seconds.

- RTD-714 brings significant savings to multi-site businesses that have medium quality telecom access thanks to its aggregation and its ability to improve QoS

Typical applications

RTD-714 is an ideal solution for multi-site companies that have poor quality telecom accesses with low or fluctuating bandwidth. It allows them to aggregate multiple telecom links from different providers to achieve a higher-speed and a link stable in quality. Multiple telecom links aggregated by the RTD-714 can be of different kinds : ADSL or 4G via RTDI-400 type routers and SIM cards from different 4G mobile network operators.

Architecture

RTD-714 solution is designed around a product and services offering:

- RTD-714—CPE : SD-WAN aggregation router for heterogeneous telecom links

- Datacenter : several datacenters throughout France with secured access.

- Reliable Internet connection services

- Management and communication flow control platform

- Audit, consulting, design, commissioning, maintenance services

Technical features

- X86 platform

- Acid-OS operating system with virtualisation and cyber-security

- 4x Gigabit Ethernet interfaces

- 2x USB ports

- Typical power consumption : 20 W

- Operating temperature : -10 to +50 °C

- Dimensions : 130 x 80 x 44 mm

Customers cases

- Grey areas: despite lower-speed Internet services provided in these grey areas, RTD-714 allows businesses to benefit from a better quality Internet access through several heterogeneous telecom links - ADSL and 4G, or several 4G accesses from different operators for instance.

- Multi-site companies: RTD-714 ensures communications between branch offices at lower costs and the highest quality of service and security.

- Streaming: Producers and content users ensure of the delivery and streamed sounds and videos with the quality required for multimedia applications, regardless of the nature of the networks used.

- Videoconferencing: RTD-714 makes it possible to cope with increasing videoconferencing flows by grouping together existing telecoms links

- Event: RTD-714 makes it possible to temporarily increase the number of telecoms links to respond to an exceptional circumstance

References

Reference	Description
RTD-714-CPE	WANROVER SD-WAN router for multiple links aggregation—1x LAN Ethernet port 3x WAN Ethernet ports.
RTD-714-2TO	SD-WAN annual licence for a WANROVER router up to the limit of 3x telecom links and 2TO of data transmtitted per month.
RTDI-411	4G/LTE router, 2x Ethernet ports
RTDI-314	4G/LTE router, 4x Ethernet ports

CXR
T +33 (0) 237 62 87 90
www.cxr.com

Rue de l'Ornette 28410 Abondant France
contact@cxr.com

Smart Solutions for Smart Networks