

Life cycle services for distribution protection and control relays

Maintenance Exchange Unit service



Customer support throughout the entire product life cycle

Did you know that replacing older product versions is now easier than ever?

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01 Example of older product versions and the corresponding new ones included in the Maintenance Exchange Unit service

The Maintenance Exchange Unit service provides a turnkey solution for replacing older protection relay versions no longer in production with the latest one, with full availability of ABB's life cycle services and extended lifetime of the protection solution as a result.

Easy upgrade to the latest product version

The Maintenance Exchange Unit service allows easy replacement of older 615 series, REX 521, RE500 and REF 542plus relay versions with the corresponding new ones in current production. The maintenance exchange units offer the latest hardware and software and are delivered with the existing customer-specific configuration.



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03 Switchgear with older product version

04 Switchgear where the older product version has been replaced with the latest one



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The service is available for the following relays:

- REF615 and RED615 IEC versions 1.1 and 2.0
- RET615 and REM615 IEC version 2.0
- REX 521 versions A, B, C, E and F
- REF 542plus versions 1.0, 1.1 and 2.0
- REF 541/3/5 versions 1.0 and 1.5
- REM 543 version 1.5

Turnkey solution for replacing older product versions

The Maintenance Exchange Unit service includes:

- Delivery of new relay
- Conversion of existing configuration file
- Installation and testing
- Recycling of old relay

The maintenance exchange unit represents the latest relay version, offering a hardware and software upgrade, but is otherwise identical to the old version. The unit includes the existing customer-specific configuration file, which has been converted for compatibility with the new relay version. ABB also installs and tests the new relays, as well as recycles the old ones.

Benefits

- Lifetime extension of protection solution
- Easy adaptation to changes in protection requirements
- Benefit of latest software developments
- Less downtime with assured availability of life cycle services – e.g. spare parts and repair services
- Minimized shutdown time due to fast and easy installation with no major new wiring and no configuring
- Mechanically identical units except for REF 542plus HMI
- Easy, fast and exact machining of existing REF 542plus panel cutout with handheld all-in-one cutting tool
- Upgrade to latest version of same product convenient for operating and maintenance personnel

Additional information

For more information, please contact your local ABB representative or visit our website at:

www.abb.com/service

www.abb.com/mediumvoltage



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