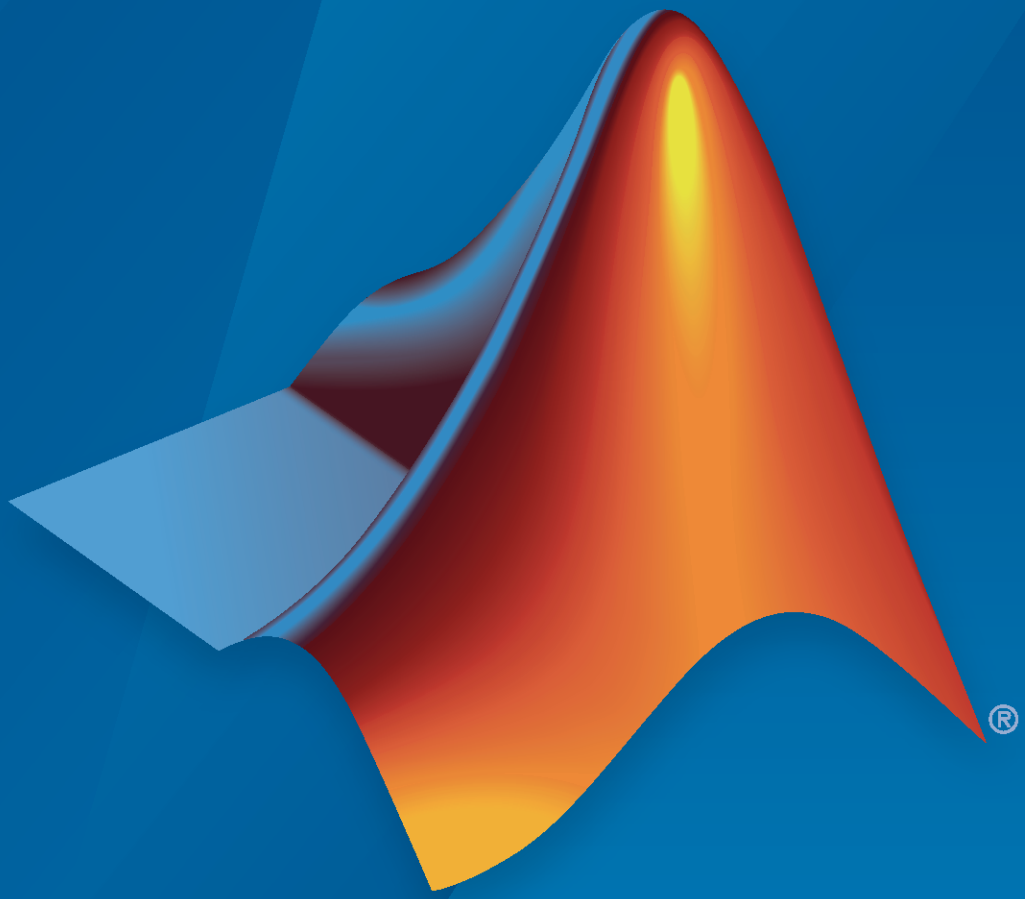
Industrial Communication Toolbox™ Release Notes



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Industrial Communication Toolbox™ Release Notes

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R2023a

Version: 6.2

New Features

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MQTT in MATLAB Online

Industrial Communication Toolbox now supports MQTT communication in MATLAB® Online™.

OPC UA Security Policies Being Removed: Basic128Rsa15, Basic256

Support for the `Basic128Rsa15` and `Basic256` OPC UA security policies will be removed in a future release.

Compatibility Considerations

Consider using one of the following security policies instead: `Aes128_Sha256_RsaOaep`, `Aes256_Sha256_RsaPss`, or `Basic256Sha256`. See `setSecurityModel`.

trend Function: New DateTimeFormat option

The `trend` function now accepts a new name-value argument pair, `DateTimeFormat`. This option replaces `DateFormat`, and its allowed values are those formats supported by `datetime`.

Compatibility Considerations

The `trend` function `DateFormat` name-value argument will be removed in a future release. Use `DateTimeFormat` instead.

R2022b

Version: 6.1

Bug Fixes

R2022a

Version: 6.0

New Features

Bug Fixes

Industrial Communication Toolbox

The new Industrial Communication Toolbox includes the following functionality:

- OPC Standards Communication — All the functionality of the former OPC Toolbox™, including functions, apps, and block libraries.
- OSIsoft PI Server Access — Read data from tags of an OSIsoft® PI Server.
- Modbus Communication — All the Modbus functionality formerly delivered in Instrument Control Toolbox™.
- MQTT Protocol Communication — Subscribe and publish to an MQTT topic.