



Impinj Octane SDK .NET Version 2.20.0

## Release Notes



### About this Release

This is the Impinj Octane SDK .NET version 2.20.0 release for the Impinj RAIN RFID Readers (Speedway® Revolution R220 and R420) and Gateways (xPortal R640 and xArray R680). Impinj Octane SDK .NET version 2.20.0 does not support Speedway IPJ-R1000 readers.

For technical support, contact Impinj:

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### Supported Regions of Operation

Impinj Octane SDK .NET version 2.20.0 is supported on the following hardware and regions.

Model / SKU	Region
IPJ-REV-R420-USA IPJ-REV-R220-USA IPJ-REV-R640-FCC IPJ-REV-R680-USA	USA, Canada, Mexico
IPJ-REV-R420-EU1 IPJ-REV-R220-EU1 IPJ-REV-R640-EU1 IPJ-REV-R680-EU1	European Union, India
IPJ-REV-R420-GX1 IPJ-REV-R220-GX1 IPJ-REV-R640-GX1 IPJ-REV-R680-GX1	Various
IPJ-REV-R420-GX2 IPJ-REV-R220-GX2 IPJ-REV-R640-GX2	Various

REV 1.0

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IPJ-REV-R680-GX2	
IPJ-REV-R420-GX3 IPJ-REV-R220-GX3 IPJ-REV-R640-GX3 IPJ-REV-R680-GX3	Australia
IPJ-REV-R420-JPN IPJ-REV-R420-JP2 IPJ-REV-R680-JP2	Japan (956MHz) Japan (920MHz) Japan (920MHz)

## New Features and Changes

### Version 2.20.0

- SDK is validated against Octane 5.4.0 firmware release

### Version 2.2.0

- SDK is signed with Impinj certificate and DLLs are strongly named.

## Resolved Issues

### Version 2.20.0

- None

### Version 2.2.0

- Fixed the issue where connecting to a reader takes 10 seconds
- Fixed issue where setting the tag filter to a nibble will append a 0 after the nibble. For example, trying to set a filter of "E" will result in a filter of "E0." Nibbles are no longer accepted. Clients must pass in bytes instead.
- Updated available reader modes to include a missing ETSI Dense Reader (M=4) and new AutoSet 1002 mode

## Known Issues

- Antenna notifications (e.g. connect/disconnect) not reliable in certain configurations; for example, they may work when antennas are configured at full power, but stop working when you reduce the transmit power
- Calling settings.Antennas.DisableAll() fails and returns an exception  
WORKAROUND: Disable antennas by number.
- DLL reporting Version 2.1.0.1.

## Notices:

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