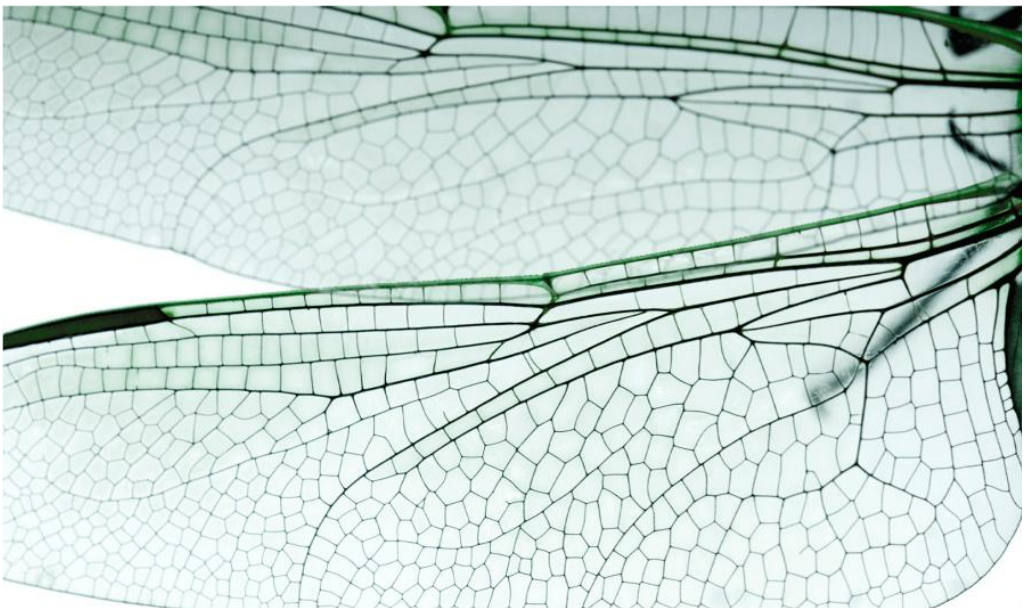




DEVICE AGENT

Product Datasheet



DEVICE AGENT

7iD's Device Agent software can be used to integrate a whole range of AUTO-ID hardware into the 7iD RFID Enterprise Server or the 7iD Data Center.

Device Agent is designed to facilitate the rapid integration of RFID readers, printers and barcode devices. Device Agent features full configuration and monitoring functionality.

It is compatible with HF and UHF RFID technologies, active and passive devices and features LLRP, RP and vendor-specific communication protocols.

Device Agent also features full EPCglobal Tag Data Standards and Tag Data Translation functionality for flexible EPC handling.

Intelligent filtering algorithms help avoid false-positive reads as well as filtering EPC and RSSI levels to provide 100% accurate read rates.

Device Agent is executed directly on smart devices, which provides not only high level data caching features but also reliable data integration messaging protocols.

Smart devices with the executing Device Agent installed remain operational even during network downtime or latent failures.

DEVICE CAPABILITIES

Smart Readers with on-reader support of Device Agent	Impinj Revolution, Speedway Intermec IF61 Tagmaster XT-2r
Readers	Alien, Siemens RF670, RF660 Motorola XR480, Sirit Infinity510 Sick, Deister, , Feig, Magellan
Printers	Avery Dennison, Toshiba
Mobile Devices	Intermec CV3, CN3, CK3 Motorola MC9090 Psion Workabout Pro Nordic-ID PL3000 Panmobil Scandy-Gun
Barcode Devices	Motorola LS2208
Device Management	SNMP EPCglobal RM1.0

DATA CAPABILITIES

Data Management	EPCglobal Tag Data Standards EPCglobal Tag Data Translation Data Caching during network down LLRP 1.0, RP1.1, TDS1.1, TDT1.0
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FILTERING CAPABILITIES

Intelligent Filters	Static and dynamic filtering of false-positive-reads
Standard Filters	Timestamp EPC, RSSI, Antenna



KEY FEATURES

- Supported hardware:
 - RFID readers
 - RFID printers
 - Mobile devices
 - Barcode devices
- Device System Management
- EPCglobal Data Management
- Data buffering during network downtime
- Single data delivery
- Intelligent filtering avoids both static and dynamic false-positive reads
- Standard filtering for EPC, RSSI, antenna and timestamps



ADDITIONAL INFORMATION AND TECHNICAL SUPPORT

7iD Technologies GmbH
Keplerstraße 105, 8020 Graz, Austria
Tel.: +43 316 716 720
Fax: +43 316 716 720 399
rfid@7iD.com