

Signing Devices

The SIGNificant products support a wide range of signing devices – simple signing tablets, multi function devices for signing, magnetic stripe reader, smartcard readers etc. The list of supported devices grows together with the availability of new devices on the market and customers requesting the integration of a certain devices.

If you don't find your preferred device in the list or you need support for another OS, just send a request to your technical account manager.

Notes:

Dynamic Signature Support

Nearly all supported devices provide the necessary data for a full dynamic signature. This means that the data can be used for verifying the signature against a signature profile on the SIGNificant Biometric Server.

Dynamic Signature with Pressure Level Support

Many devices provide pressure level data (e.g. 1- 512) which act as an additional security feature. The SIGNificant Biometric Server does not necessarily require pressure levels but uses them as additional criteria when verifying signatures. Consequently all current smartphones with a capacitive touch screen technology which doesn't provide pressure levels) work fine (i.e. iPad).

Signing Devices and Types (as at 18 Jan 2013)

- **Apple**

- iPad 1,2,3,4, Mini

- **Android**

- Android tablets and phones like Samsung Galaxy Tab, Samsung Galaxy S, Olivetti OliPad, HTC Wildfire, HTC Desire, etc ...
- Android tablets like Lenovo Thinkpad, HTC Flyer, Samsung Galaxy Note
- See list below for further information

- **Windows 8 Tablets (and Non-Dedicated Signature Devices):**

- Tablet PC integrated (flexible Windows PC or Android devices; native pen supported)
 - This refers to using the Wacom technology for the native pen (as applicable for various manufacturers).
 - Previous Windows OS (eg vista, W/7) tablets may also be supported.
- List subject to update currently. Please request further information.

- **Dedicated Signature Devices/Pads**

- Wacom

- STU-500
- STU-300
- STU-520
- PL-/DTF-/DTU- Monitor Series (also acts as a normal TFT display)
- Cintiq Series (also acts as a normal TFT display)
- Tablet PC integrated (non-dedicated flexible device; native pen supported)

- StepOver

- naturaSign Pad Colour
- naturaSign Pad Flawless
- naturaSign Pad Mobile

- xyzmo

- SIGNificant Color Pad 6

- **Signature enabled Payment Terminals**

- **Ingenico**

- iSC250
- iSC350

- **Hypercom / Equinox Payments**

- Optimum L4150

- **VeriFone**

- MX 870

Android (updated list, as at 24 Jul 2013)

Android devices with a “native pen” offer the best signing experience compared to Android devices and iPad devices using a stylus (ie native pen provides a better experience than stylus). This is a list of currently known Android supported products:

10"

- **Samsung Galaxy Note 10.1**
Wacom pen, Certified for Biometric Server
- **Lenovo ThinkPad**
n-trig pen
- **HTC Jetstream (a.k.a Puccini) (only available in the USA)**
n-trig pen

- **Panasonic Toughpad FZ-A1**
Wacom pen, ruggedized
- **Casio Tablet V-T500**
nTrig pen (requires battery)
- **Motorola Droid Xyboard 10.1**
nTrig pen (requires battery)

8"

- **Samsung Galaxy Note 8**
Wacom pen
- **Olivetti Olipad Graphos**
Wacom pen

7"

- **HTC Flyer**
n-trig pen

5.x"

- **Samsung Galaxy Note I & II**
Wacom pen

Additional Information

Please refer to the manufacturers specifications. The listing below is given for ease of reference. It shows:

- The interface type (USB, serial, Ethernet ...).
- The operating system (OS) and the SIGNificant SDK (Windows .NET/Java, Linux Java) where this device is currently supported.
- The additional security features offered by this device (e.g. encryption of the biometric data, encryption of the communication, pressure levels).

Wacom

STU-500



Interface: USB

Security Features: AES encryption of the USB communication. Requires special firmware. Supports pressure. Serial# can be set.

Comment:

Drivers: No driver needed.

STU-300



Interface: USB

Security Features: Supports pressure. Serial# can be set.

Comment:

Drivers: No driver needed.

STU-520



Interface: USB

Security Features: Supports pressure. Supports timestamps on the device. Serial# can be set.

Comment: Color LCD screen

Drivers: <http://www.wacom.eu/index2.asp?lang=en&pid=29&gm=3>

PL-/DTF-/DTU- Monitor Series



Interface: USB

Security Features: Supports pressure

Comment: Acts like a normal TFT display (connected via VGA + USB)

Drivers: <http://www.wacom.eu/index2.asp?lang=en&pid=29&gm=3>

Cintiq Series



Interface: USB

Security Features: Supports pressure

Comment: Acts like a normal TFT display (connected via VGA + USB)

Drivers: <http://www.wacom.eu/index2.asp?lang=en&pid=29&gm=3>

StepOver

naturaSign Pad Colour



Interface: USB

Security Features: End-to-end security by encrypting signature + document hash directly on the tablet. Unique and provable serialNr.

Comment: Cannot be used for biometric signature verification

Drivers: No driver needed.

naturaSign Pad Flawless



Interface: USB

Security Features: End-to-end security by encrypting signature + document hash directly on the tablet. Unique and provable serialNr.

Comment: Cannot be used for biometric signature verification

Drivers: No driver needed.

naturaSign Pad Mobile



Interface: USB

Security Features: End-to-end security by encrypting signature + document hash directly on the tablet. Unique and provable serialNr.

Comment: Cannot be used for biometric signature verification

Drivers: No driver needed.

xyzmo

SIGNificant Color Pad 6



Interface: USB

Security Features: End-to-end security by encrypting signature + document has directly on the tablet. Unique serialNr.

Comment: Same hardware as StepOver naturaSign Pad Colour but supports biometric signature verification

Drivers: No driver needed.

Ingenico

iSC250



Supported only on request

Interface: USB

iSC350

Supported only on request

Interface: USB

Hypercom

Optimum L4150



Supported only on request

Interface: USB, Serial, Ethernet

Security Features: Only useable for static signature verification since no timestamps are present.

Comment: Color Touch Screen, Magnetic Stripe Reader, Smart card reader, Contactless payment. Can be used as payment terminal.

VeriFone

MX 870



Supported only on request

Interface: USB, Ethernet & Wi-Fi, Serial

Security Features: Only useable for static signature verification since no timestamps are present.

Comment: Touch Screen, Magnetic Stripe Reader, Smart card reader, Contactless payment. Can be used as payment terminal.