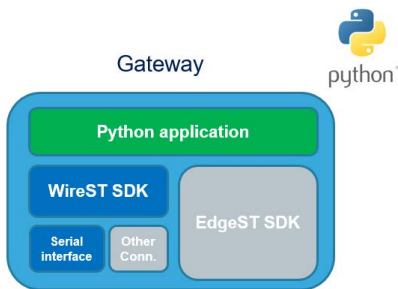


## Wired sensor software development kit for Linux gateways



### Features

- Software development kit (SDK) written in Python
- Application samples available for a quick startup
- Used in combination with [EdgeST-SDK](#) allows reading data from wire-connected sensor nodes and performing local computation on the gateway before sending data to the cloud
- BSD (3-clause) license terms

### Description

[WireST-SDK](#) is a computing abstraction library for Linux gateways that allows interfacing the gateway to wire-connected sensors.

It supports IO-Link connected devices and implements a proprietary serial communication protocol on RS485 bus.

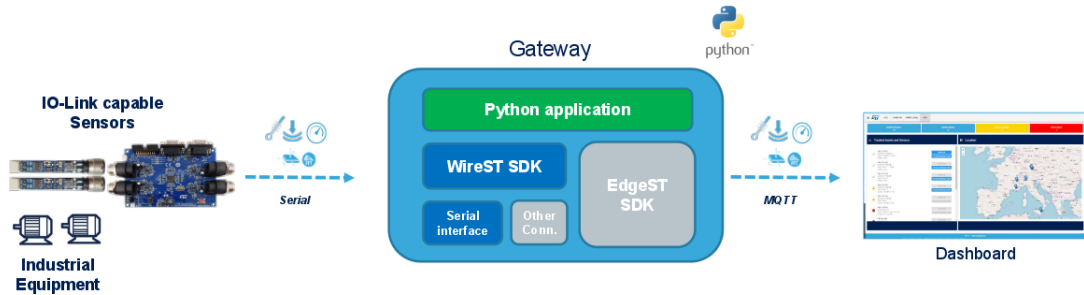
The [WireST-SDK](#) is released under BSD (3-clause) license terms.

Product summary	
Wire software development kit	<a href="#">WireST-SDK</a>
Edge computing SDK	<a href="#">EdgeST-SDK</a>

# 1 Overview

## 1.1 Block diagram

Figure 1. WireST-SDK block diagram



## 1.2 Order codes

Table 1. WireST-SDK order codes

Order code	Description
WireST-SDK-Pyt	Python version of <a href="#">WireST-SDK</a> library that allows easy access to the data exported by a master IO-Link device through an RS485 bus.

## Revision history

**Table 2. Document revision history**

Date	Version	Changes
25-Jun-2019	1	Initial release.
10-Jul-2019	2	Updated cover page image.

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