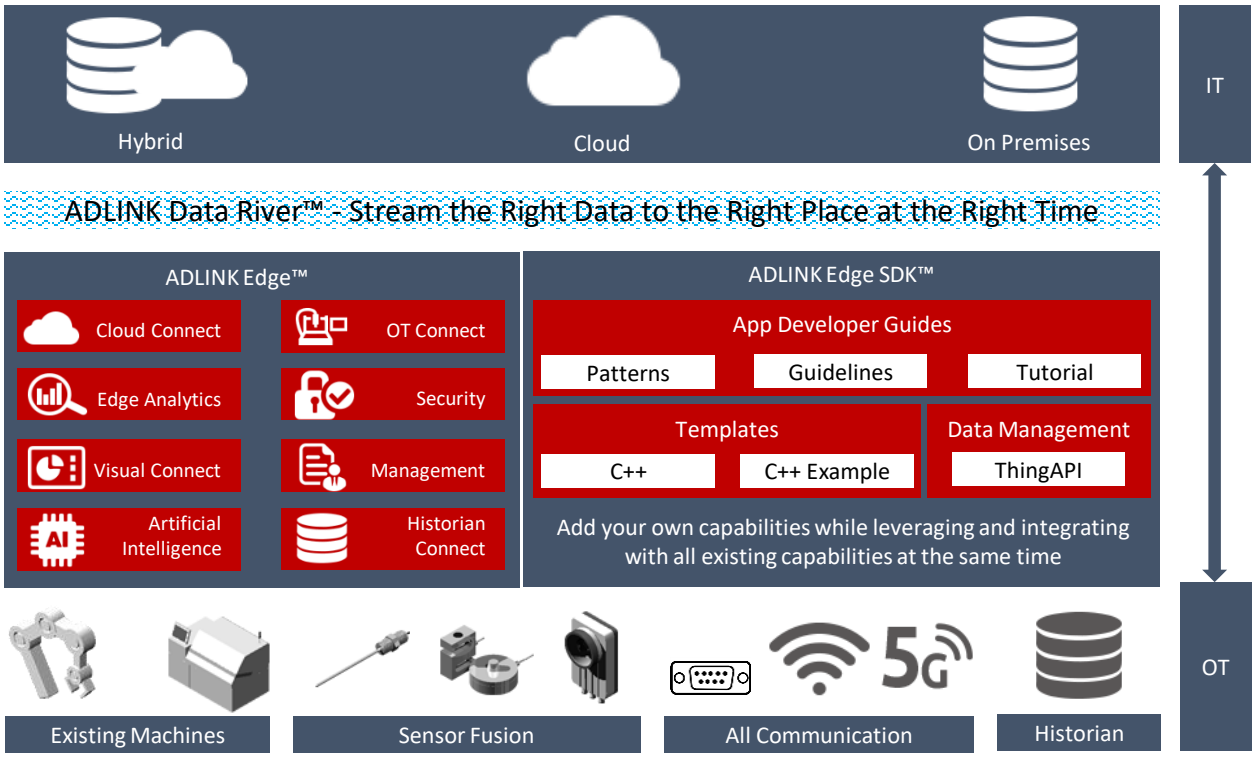
# ADLINK Edge SDK™

***Solving connectivity in the Internet of Things to accelerate digital transformation***

## Overview

Successful implementation of the Internet of Things (IoT) can accelerate your digital transformation activities. However, this relies on being able to bridge the gap between Information Technology (IT) and Operational Technology (OT) which can be incredibly complex and includes fundamental considerations for connectivity, security and return on investment. ADLINK Edge SDK™ provides a suite of tools that enables developers to create versatile solutions.

## Connect the Unconnected




## Features

- Simplify the build, test and debug of applications that can be deployed natively or as an ADLINK Edge App
- Ability to publish/subscribe data to and from the ADLINK Data River™
- Full interoperability with Vortex DDS and ADLINK Edge™ products
- Easy to deploy on ADLINK Edge IoT ready hardware

## Benefits

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

- Develop market ready solutions faster
- Access a wide range of pre-built capabilities provided by ADLINK's ecosystem of partners
- Supports any combination of device, edge, gateways and cloud deployments
- Reduces cost of developing, integrating and maintaining distributed systems

## Deployment Options

| Deploy with ADLINK Edge™ | Deploy outside ADLINK Edge™ |
|---|---|
| Using containerized architecture, Apps developed using ADLINK Edge SDK can be deployed, using our integrated device management along with existing Edge Core Apps developed by ADLINK and our technology partners to create an IoT solution with full access to ADLINK Data River™ | It is possible to develop native Apps and apps that use alternative containerization using the ADLINK Edge SDK. These Apps can form part of an IoT solution with full access to ADLINK Data River™ but can not be deployed using our device management solution |

## Enhancing Vortex DDS

Existing Apps and new Apps developed using ADLINK Edge SDK can deliver additional capabilities that are easily accessible to Vortex DDS customers

As an example Cloud connectivity Apps can significantly reduce the development time for our Vortex DDS customers

**What is Vortex DDS?**

Vortex DDS is a ubiquitous data sharing software framework based on the open and proven DDS standard that supports a wide range of device technologies, operating systems and programming languages. Combining deterministic data delivery, system-wide data sharing and support for data analytics, Vortex DDS helps system integrators, OEMs, device platform vendors and Cloud service providers (SaaS, PaaS and DaaS) deliver software solutions for many vertical markets, including: Aerospace and Defense, Energy, Robotics, Healthcare, Transportation / Automotive and Industrial Automation.

## Leverage your existing systems

Implement an architecture that leverages your existing systems and enhance them with new applications built with ADLINK Edge SDK including pre-built capabilities from ADLINK Technology and our ecosystem of technology partners including:

- Cloud Connectivity
- Streaming Analytics
- OT Connectivity
- Derived Value Service
- Security
- Machine Learning

## ADLINK Edge SDK™ provides:

- Connectivity across the enterprise OT to IT and legacy to new build
- Pre-built connectors and templates for faster integration projects
- Ability to run on-premises, in the cloud, or in hybrid environments

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

ist_info@adlinktech.com



All products and company name listed are trademarks or trade names of their respective companies.
Updated June, 26, 2019. ©2019 ADLINK Technology, Inc. All Rights Reserved.
All specifications are subject to change without further notice.