

Case implementation for Intelligent Edge System: stream data analysis based on LF EdgeX Platform

Abstract:

In conventional Cloud computing approach, huge amount of data, which is generated from IoT devices such as sensor devices, is directly injected into Cloud based analysis platform far from data source and result of analysis should be also managed at Cloud platform, so that there have been raising critical challenges, such as technical and economical issues, e.g., transmission time, cost, and privacy and distributed issues, etc. Now we built an edge analytic system based on LF EdgeX Platform and ETRI's intelligent analysis platform to perform prediction in near real-time analysis through gathering sensing data. So I would introduce this case implementation for Intelligent edge system including edge data platform and intelligent platform.