

Demo description:

The DIP demo illustrates a scalable and deterministic IP network to support industrial communications. An industrial PC controls a motor and a few IO modules by sending control flows passing through a DIP network represented by 2 DIP routers. As the key innovation of the demo, the DIP router is capable of supporting low latency communications with low jitter (<20us independent of no. of network nodes) and packet loss rate. Moreover the configuration of the DIP network is extremely simple thanks to the in-band OAM, which makes it ideal for flexible communication systems.