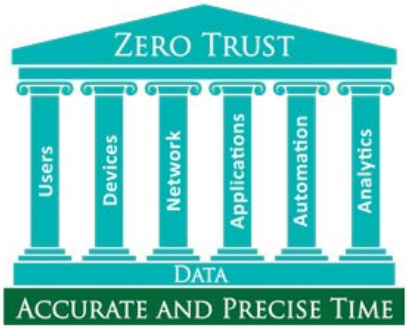
Timing and Synchronization Products and Applications

New Trusted Time for Zero Trust Network Application Notes



Zero Trust is the future of network security for many industries. Learn how our SyncServer® network time servers provide trusted time for Zero Trust networks in these just-released application notes..

Application Notes:

- Trusted Time for Zero Trust Financial Networks
- Trusted Time for Zero Trust Data Center Networks
- Trusted Time for Zero Trust US Federal Government Networks
- Trusted Time for Zero Trust Networks vs. Internet NTP Server Pools

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GridTime™ 3000 GNSS Time Server Software Release

The GridTime™ 3000 GNSS time server now supports Remote Authentication User Service (RADIUS) and Lightweight Directory Access Protocol (LDAP) to allow for the remote authentication of users within the substation.

New GPS World Article: Atomic Clocks

An article by our expert David Chandler, product marketing manager in the frequency and timing systems business unit, was just published in GPS World.

Read the article to learn more about the role of atomic clocks in data centers.

TimeProvider® 4100 and Zero Trust

Time is central to accurate log files that define the who, what, when and where of all activity in a Zero Trust network.

Accurate, reliable and secure trusted time is foundational to Zero Trust networks. Without it, authentication mechanisms will fail, essential log file time stamps will not align, Zero Trust analytics will be unreliable and

forensics will be hampered, among other possible issues.

Not only must the time be correct, but the PTP grandmaster must also comply with Zero Trust principles and fit into a Zero Trust architecture.

As the most secure trusted time network device, the TimeProvider 4100 IEEE® PTP 1588 grandmaster is well suited to support zero trust initiatives. It ensures the security of time and its sources and complies with the fundamental pillars of zero trust including users, devices, network and analytics. As the most secure trusted time network device, the TimeProvider 4100 IEEE® PTP 1588 grandmaster is well suited to support Zero Trust initiatives. It ensures the security of time and its sources and complies with the fundamental pillars of Zero Trust including users, devices, network and analytics.

To learn more, please download the TP4100 Zero Trust Application Note

Webinar: Three Critical Oscillator Parameters and How They Will Impact Your Next Design

This webinar helps electrical designers better understand the importance of oscillator phase noise, short-term stability (Allan Deviation) and frequency accuracy. It covers the concepts and definitions, goes into oscillator performance levels and includes some examples of real-world applications.

Key Takeaways

- Learn about the key oscillator metrics to consider for Radio Frequency (RF) design
- Understand performance tradeoffs of different oscillators
- See the real-world impact of oscillator performance

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Microchip Technology Inc, 2355 West Chandler Blvd, Chandler, AZ 85224-6199, USA, +1(480) 792-7200