



# The Engine for Global Time

Microsemi® and its industry-leading timing solutions are part of high-performance communications networks and systems that are the core elements of today's state-of-the-art communications networks. SyncWorld™ Ecosystem Program was created to enable interoperability, integration, and cooperation among the vendors that will deliver on service providers' advanced networking requirements for precise timing and synchronization. The SyncWorld Ecosystem Program represents all elements of the communications value chain from embedded to network equipment manufacturers.

The migration to packet-based networks to support 4G/LTE deployments requires architects to meet the strict timing and synchronization specifications defined by the 3GPP. Successful integration and interoperability are key to ensuring that our customers' end-to-end deployments will maintain service continuity around the clock.

The SyncWorld Ecosystem Program represents all elements of the communications value chain from embedded to network elements.

The SyncWorld Ecosystem Program provides members tangible benefits in three key areas:

- Offering customers a comprehensive, integrated, and simplified implementation of timing and synchronization solutions
- Extended sales and market reach with joint engagements
- Co-marketing and promotional activities

Microsemi is committed to partnering with trusted end-to-end technology providers which deploy and maintain networks on behalf of operators. We invite interested industry members to learn about the SyncWorld Ecosystem Program, its benefits and requirements, and to consider applying for membership.

## Membership Segments

### Network Equipment Partners

are technology vendors that develop carrier-grade communications equipment required to deploy carrier Ethernet and 3G/4G networks.

### Microwave Backhaul Partners

are vendors that provide high capacity wireless transmission for communication networks to deliver voice, video, and data services throughout the network.

**Small Cells Partners** develop elements such as semiconductors, oscillators, software, test equipment, and systems required to deliver an integrated small cell solution.

**Silicon Partners** are vendors of semiconductors or other components that have integrated Microsemi's embedded software timing solutions with their hardware components into a single solution for network and other communication equipment.

**Communications Test and Measurement Partners** are vendors that provide the capability to measure and analyze packet and synchronization networks to ensure precise timing and frequency stability.





## Benefits

Microsemi's SyncWorld Ecosystem Program offers members a variety of benefits that support the promotion of best-of-breed timing and synchronization solutions in the market.

### Key benefits include:

- Support and Education
- Pre and Post Sales Support
- Technical Training
- Sales Training
- Access to Private Partner Site

### Marketing and Sales:

- Web Site Presence
- Joint Collateral
- Co-Marketing Activities and Events
- Joint Business Planning

## Requirements

Interested companies need to apply for membership and applications will be reviewed based on the following criteria:

- Industry leadership
- Product alignment
- Core technologies and competencies

Once the application is reviewed, we will contact you to discuss moving forward with an agreement. Discussions will cover the following areas:

- Definition of mutual goals and objectives
- Resourcing to perform interoperability test
- Commitment to development of material to support interoperability results and co-marketing

"Microsemi is the market leader for Timing over Packet with the industry's only carrier class 1588 Grandmaster, TimeProvider™ 5000. This partnership has helped us increase our leadership position in IP/Ethernet to deliver a complete end-to-end Mobile backhaul solution."

— Martin Brundert  
Head of Solutions Management  
for Network Systems

"Perfection in the deployment of new packet synchronization standards is the single most significant barrier to our forecast remaining on track. Using a DS1/E1 or a proprietary solution have been the most popular solutions supporting packet backhaul synchronization until now. Microsemi's SyncWorld Ecosystem Program and the IEEE's 1588v2 Conformity Alliance are helping to drive adoption of standards-based solutions."

— Patrick Donegan  
Heavy Reading, – March 2011



Leading the world in precise time solutions.

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