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InterDigital to Preview the Future of Wireless at Mobile World Congress 2012

Company's Technologies to Drive Shift from Fixed to Dynamic Network Architectures

KING OF PRUSSIA, Pa.--(BUSINESS WIRE)-- InterDigital, Inc. (NASDAQ: IDCC) today announced it will demonstrate a suite of advanced wireless technologies at the Mobile World Congress in Barcelona, Spain, February 27 through March 1, 2012 ("MWC2012"). The company will showcase key elements of the underlying technologies and emerging industry standards that provide wireless broadband connectivity for devices, networks and services worldwide.

The theme of MWC2012, "Redefine Mobile," reflects a mobile world that has exploded beyond handsets, now encompassing books, health monitors and payment transfer devices, as well as technology embedded in cars, homes, appliances and other aspects of our daily lives. The MWC2012 theme aligns well with InterDigital's efforts to redefine wireless.

As a wireless pioneer and major contributor to the definition of standards for 2G, 3G and 4G technologies, the company has been on the forefront of evolving the cellular world from analog to digital, from voice to data, and from narrowband to broadband. At MWC2012, InterDigital® will preview the next major shift — from fixed to dynamic connectivity — showcasing a cohesive set of advanced wireless technologies that will lay the groundwork for seamless connectivity of people and things across a myriad of wide, local and personal area networks, simultaneously addressing capacity, coverage, user experience and cost.

InterDigital's advanced wireless technologies for tomorrow's network of networks include:

- Policy-driven bandwidth management techniques that factor in various conditions to enable a user's data to be routed over a single cellular or WiFi® network — dynamically switched to another network, combined across several networks to aggregate bandwidth, or even split to segregate different parts of a multimedia stream simultaneously among several networks. While fully transparent to the user, these innovations significantly improve network loading and make quality of service more predictable.
- Harvesting additional capacity from TV white space and under-utilized frequency bands to supplement existing cellular and Wi-Fi systems. The company's comprehensive dynamic spectrum management technologies address more efficient utilization of the finite resource that is spectrum — a critical new frontier.
- Methodologies that capture the wireless connection and idle capacity of the billions of wireless devices being used. Innovations in mesh networking and peer-to-peer communication leverage terminals as helpers and relays to extend reliable coverage in dense urban environments, around obstructions, and indoors.
- Innovations in video over wireless, an effort to 'lighten the payload' as video over wireless continues to represent a growing portion of all data traffic going forward. The unique combination of inherent wireless-aware video processing and video-aware wireless design yields compelling improvements in picture quality, bandwidth consumption, power, delivery cost and real-time performance.

"Building on prior major transitions, networks are now evolving from fixed, hard-connected sets of assets into a pool of assets that are dynamically, seamlessly and intelligently stitched together. This extends from the selection of spectrum, to the selection of radio access technologies, to even how we modify and adapt other key technologies like compression on the fly to deliver the experience requested by the user," said William J. Merritt, President and Chief Executive Officer of InterDigital.

"Only a highly flexible network will be able to effectively and cost-efficiently deliver the compelling and innovative services that mobile users, providers and applications are demanding," Merritt said. "We believe it will become reality over the coming years, and this is the network that InterDigital is designing today."

InterDigital will also host several technology and product companies from its rapidly expanding network of strategic relationships at its location in Hall 1, stand 1D07. Members of the media and industry analysts interested in scheduling a personal briefing are invited to contact jack.indekeu@interdigital.com. Members of the investment community interested in scheduling a briefing are invited to contact janet.point@interdigital.com.

NOTE TO EDITORS:

InterDigital's advanced technologies directly benefit component, device and infrastructure manufacturers, network operators,

content and applications providers and, ultimately, billions of consumers globally. During the event, the company will hold demonstrations that offer a preview into the future of mobile broadband:

Smart Connections

Fundamental, policy-driven bandwidth management across heterogeneous networks that factors in network conditions, operator service policies, user preferences, unique application requirements, location and context. These traffic management and off-loading technologies address the wireless bandwidth crunch and deliver optimized quality of experience for any device and any service, across any network.

Spectrum Harvesting

Dynamic spectrum management solutions that intelligently harvest TV White Space and other under-utilized frequency bands, enabling Wi-Fi® and cellular systems to leverage these bands for additional capacity.

Internet of Things

Standardized service layer and application programming interfaces for wireless machine-to-machine (M2M) communications that create a common framework and roadmap for cellular operators, service providers and device manufacturers. Such common M2M standard is expected to accelerate the proliferation of interoperable services and applications across multiple vertical markets on a global scale.

Video over Wireless

Efficient delivery of multimedia content that uses cross-layer optimization of video transmission over wireless. Wireless-aware and context-aware techniques enable service providers to deliver a compelling user experience at lower bandwidth, power, cost and complexity.

Beyond LTE-Advanced

New topologies and spectrally efficient air interface solutions for Next Generation Cellular, including the use of relays and direct device-to-device communications to dynamically extend network coverage and in-building penetration.

About InterDigital

InterDigital develops fundamental wireless technologies that are at the core of mobile devices, networks, and services worldwide. We solve many of the industry's most critical and complex technical challenges, inventing solutions for more efficient broadband networks and a richer multimedia experience years ahead of market deployment. InterDigital has licenses and strategic relationships with many of the world's leading wireless companies.

For more information, visit: www.interdigital.com.

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