WBA INDUSTRY *Awards* 2016

CELEBRATING ECOSYSTEM EXCELLENCE

CORINTHIAN GRAND BALLROOM SAN JOSE, USA

Champagne Reception: 7:00pm

AWARD CATEGORIES SHORTLIST

Best Next Gen Wi-Fi Operator Deployment

Best Converged Operator Deployment

Best Next Gen Wi-Fi Network Infrastructure

Best Converged Network Infrastructure

Best Consumer Centric Wireless Service Innovation

Best Industrial Wireless Service Innovation

Best Connected City Deployment

Best Wireless Deployment in Rural or Remote Areas

Best Wireless Innovation and Excellence in Social Impact

WBA Wireless Leadership Award

Distinguished Member Award (*Non-Operator*)

Distinguished Member Award (*Operator*)

WBA Industry Awards 2016 sponsored by:

LIBERTY GLOBAL®
Category Sponsor

at&t
Category Sponsor

COMCAST
Red Carpet Sponsor

The Wireless Broadband Alliance Industry Awards are unique awards, championed by the WBA, aiming to recognize and encourage excellence, as well as to promote successful practices and strategies in different aspects of wireless broadband industry performance in the year.

Benchmark - outstanding performance and impactful innovation ideas throughout the Wireless Broadband Industry.

Recognize - the contribution of individuals, projects, organisations and technologies that have excelled in the use, development and deployment of Wireless Broadband in the past 12 months.

Provide – a platform to network, mobilize investment and create new business opportunities for Wireless Broadband solutions.

Winning - one of these prestigious awards from WBA can be a major boost for your company's profile and business opportunities.

This years' Awards are taking place, as part of the Wireless Global Congress, in San Jose on November 16th 2016 – bringing together industry's leading players for the most exciting night of the year.

#WBAWARDS

WIRELESS BROADBAND ALLIANCE

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*G*ood evening,

This is one of my favourite moments of the year – and it is an event that always exceeds expectations.

The WBA Industry Awards are a celebration of all that is great in our industry. They capture a moment in time; encapsulating the passion, innovation, technical and business expertise that have shaped and helped grow the significance of our ecosystem over the past 12 months.

At the same time, the Awards lay down a marker for what is to come, anticipating trends and, through real world deployments, providing a snapshot of the myriad of ways licensed and unlicensed wireless technology can improve businesses, lives and services across a growing range of use cases.

Tonight the heroes of the hour are the individuals, teams and organisations whose efforts have earned them places amongst the nominees for the WBA Industry Awards 2016. They are changing the connectivity landscape and driving innovations in this ever-converging wireless eco-system with their creativity, energy and commitment to thought leadership.

Indeed, this is the vision of the WBA too.

Sincere thanks to everyone who has taken part this year – once again, the bar has been well and truly raised. Our Awards have long been recognized for their integrity and commitment to excellence.

They have been judged by a panel of independent industry experts and I would like to extend my warm personal thanks to all of them for their time and professionalism.

The Categories 8 & 9 (Distinguished Member Awards) are judged separately by WBA membership, recognizing their outstanding contributions to the work areas of the WBA in the past 12 months.

Good luck to all involved, and have a wonderful evening.

Shrikant Shenwai
Chief Executive Officer
Wireless Broadband Alliance

JUDGING PANEL

We are proud to introduce our judging panel, who have been selected for their experience and impartiality.

KYUNG MUN

Senior Analyst

Mobile Experts LLC

CAROLINE GABRIEL

**Research Director
& Co-Founder**

**Maravedis-ReThink
Technology Research**

PETER JARICH

**Vice President,
Consumer and Infrastructure**

Current Analysis

JEREMY GREEN

Principal Analyst

Machina Research

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DARYL SCHOOLAR

**Principal Analyst,
Wireless Infrastructure**

Ovum

SUSAN WELSH DE GRIMALDO

Director

Strategy Analytics

ADLANE FELLAH

CEO

Maravedis

VIJAY SAMMETA

CEO

Civic Foundry, LLC

FRANK RAYAL

Founding Partner

XONA Partners

MONICA PAOLINI

President

Senza Fili Consulting

CATEGORY 1

BEST OPERATOR DEPLOYMENT AWARD

The Best Operator Deployment award was open to Network Operators or Network Operators together with their Technology partners.

This category contains two sub-categories:

1a - Best Next Gen Wi-Fi Operator Deployment Award

1b - Best Converged Operator Deployment Award

1a - Best Next Gen Wi-Fi Operator Deployment Award

The independent judging panel were looking for an entry that made significant process in improving Wi-Fi network deployments, looking at all aspects including but not limited to innovation in user experience, improving speed, innovation in business model, etc.

JUDGES EVALUATED:

- Innovations in the technical or business model.

- Enhancement of the user experience.

- Improvement of quality of service to users.

The Shortlist

BOINGO WIRELESS

Reimagining Wi-Fi with S.M.A.R.T. Networks

SHAW COMMUNICATION INC.

Certificate-based Next Generation Hotspot (NGH) Deployment

TELSTRA

Telstra Air Largest Australian Wi-Fi Network

1b - Best Converged Operator Deployment Award

The independent judging panel were looking for an entry that had remarkable deployments concerning coexistence and convergence of licensed & unlicensed networks, looking at all aspects including but not limited to innovation in user experience, improving speed, coexistence and/or convergence of licensed and unlicensed wireless, innovation in business model, etc.

JUDGES EVALUATED:

- Technical Innovation.
- Business model innovation.
- Value proposition for end users.

The Shortlist

BOINGO WIRELESS

Championing Convergence: Boingo DAS and Wi-Fi Networks Win Big at Philips Arena

KT

olleh tv air

TELIA WI-FI WITH APTILO NETWORKS

Telia Company pioneer in convergence enabled by Aptilo Networks

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CATEGORY 2
BEST WIRELESS NETWORK INFRASTRUCTURE AWARD

The Best Wireless Network Infrastructure Award open to Technology providers.

This category contains two sub-categories:

2a - Best Next Gen Wi-Fi Network Infrastructure Award

2b - Best Converged Network Infrastructure Award

2a - Best Next Gen Wi-Fi Network Infrastructure Award

The independent judging panel were looking for an entry that obtained significant progress in terms of technical or commercial advances within the network and/or offering new value added services.

JUDGES EVALUATED:

- Technical design in network elements, based on Next Gen Wi-Fi network technology.

- Benefits provided to the operator business case.

- Improvements in performance, cost control and network management.

- Enhancement of existing value added services that the network can deliver.

- Creativity and market impact.

- The category is for commercially available products, devices, applications or services that have been launched in at least one country/market by the time of awards entry deadline.

The Shortlist

AFFIRMED NETWORKS

Affirmed Networks' fully virtualized, Wi-Fi Gateway (built on top of its leading Mobile Content Cloud solution)

SKSPRUCE TECHNOLOGIES INC.

One of the Largest Wi-Fi Network, with over 460,000 APs seamlessly integrated into SoftBank's LTE network

TELEWORLD SOLUTIONS

SmallCellSite.com

This category highlights advances in Wi-Fi network infrastructure deployments (including network operator, venue or city deployments).

2b - Best Converged Network Infrastructure Award

The independent judging panel were looking for an entry that has interesting deployments concerning coexistence and convergence of licensed & unlicensed networks.

JUDGES EVALUATED:

- Technical design in network elements, based on a combination of coexistent or converged network technologies.
- Benefits provided to the operator business case.
- Improvements in performance, cost control and network management.
- Enhancement of existing value added services that the network can deliver.
- Creativity and market impact.

The Shortlist

APTILO NETWORKS

Aptilo SMP
Wi-Fi Calling™

M3CONNECT GMBH

conn4 – the unified
solution for digital
convenience

RUCKUS WIRELESS

OpenG defeats
in-building cellular
coverage for consumers

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CATEGORY 3

BEST WIRELESS SERVICE INNOVATION AWARD

The Best Wireless Service Innovation Awards open to Operator and Technology providers.

This category contains two sub-categories:

3a - Best Consumer Centric Wireless Service Innovation Award

3b - Best Industrial Wireless Service Innovation Award

3a - Best Consumer Centric Wireless Service Innovation Award

This award is to recognize consumer centric services or service enablers, such as Roaming, Voice over Wi-Fi, Location Based Services, etc.

Judges evaluated:

- Technical / commercial Innovation.
- Enhancing the user experience.
- Creativity and market impact.
- The category is for pre-commercially or commercially available products, devices, applications or services that have been tested, trialed or deployed in at least one country/market by the time of awards entry deadline.

The Shortlist

ACCURIS NETWORKS

Harnessing Wi-Fi to Create a Better Wi-Fi Experience

GLOBALREACH TECHNOLOGY LTD

Creating a seamless global user experience over Wi-Fi whilst minimizing latency

KT

olleh tv air

The category is for pre-commercially or commercially available products, devices, applications or services that have been tested, trialed or deployed in at least one country/market by the time of awards entry deadline. The service can use Wi-Fi, in combination with licensed and unlicensed technology's.

3b - Best Industrial Wireless Service Innovation

This award is to recognize services that have impact to industrial applications, such as transport, energy, utilities & facilities, health & science, and many other public and industrial serving sectors.

Judges evaluated:

- Technical / commercial Innovation.
- Enhancing the user experience.
- Creativity and market impact.
- The category is for pre-commercially or commercially available products, devices, applications or services that have been tested, trialed or deployed in at least one country/market by the time of awards entry deadline.

The Shortlist

APTILO NETWORKS

Aptilo SMP Venue
Wi-Fi Manager™

AT&T

AT&T Foundry for
Connected Health at
Texas Medical Center

JCDRAWN WITH TAIPEI CITY

Broken Bridges and Roads -
from a connected city network
roaming perspective, how to
connect them

CATEGORY 4
BEST CONNECTED CITY DEPLOYMENT AWARD

Category Sponsor

The Best Connected City Development Award aims to recognize the latest technical and business innovations for city deployments. This category is open for Cities or Cities together with their Operator and/or Technology Partners.

This category is for available services that have been launched and are available in at least one market by the award entry deadline.

Cities and local governments have been implementing urban-wide wireless networks, to help improve connectivity to residents and visitors, and to support city services such as garbage collection, traffic and transport management, health services etc. The service can be using Wi-Fi, in combination with licensed and unlicensed technology.

Judges evaluated:

• Complexity or scale of deployment.

• Innovation applied in the public/ private partnership model and/or monetization models.

• Approach towards coexistence and convergence of different network technologies, including Next Gen Wi-Fi.

• Improvement of quality of service to end-users and city services.

The Shortlist

BT

MK Smart – a live deployment of multiple smart city applications to make tangible improvements to public service delivery, business

THE CITY OF NEW YORK - DEPARTMENT OF INFORMATION TECHNOLOGY & TELECOMMUNICATIONS (DOITT)

LinkNYC - The First of It's Kind!

INFO-COMMUNICATIONS MEDIA DEVELOPMENT AUTHORITY (IMDA)

Wireless@SG plays a key role in a connected Singapore

CATEGORY 5
BEST WIRELESS DEPLOYMENT IN RURAL OR REMOTE AREAS AWARD

The Best Wireless Deployment in Rural or Remote Areas Award aims to focus on deployments in Rural or Remote Communities, in both in established as well as emerging markets.

This category is open for governments (regional/city), operators and/or technology providers. This category is for available services that have been launched and are available in at least one market by the awards entry deadline. The service can use Wi-Fi, in combination with licensed and unlicensed technology.

We are going to be looking for new ideas, either from a technical or business model perspective, that are able to demonstrate a sustainable wireless deployment that provides demonstrable cost savings, revenue generation, ease of use or best-in-class access in low density environments.

Judges evaluated:

• Complexity or scale of deployment.

• Innovation applied in the public/private partnership model and/or monetization models.

• Approach towards coexistence and convergence of different network technologies.

• New technical or business approaches to create a sustainable deployment.

• Long term market impact.

The Shortlist

MICROSENSE PRIVATE LIMITED

Wi-Fi deployment in a rural / remote village in South of India

PROJECT ISIZWE

Innovative solutions bring rural Limpopo online

SK TELECOM

Smart Wireless Backhaul Solution by SK Telecom

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CATEGORY 6
BEST WIRELESS INNOVATION AND EXCELLENCE IN SOCIAL IMPACT AWARD

LIBERTY GLOBAL ®

Category Sponsor

The Best Wireless Innovation and Excellence in Social Impact Award aims to celebrate innovative wireless solutions from an operator and/or technology provider with high social impacts, such as innovations in education, health, etc. in low-income area's, but also e.g. emergency or humanitarian communications etc.

This category is for available services that have been launched or widespread trials in at least one market by the awards entry deadline.

Judges evaluated:

- Innovation: Work has supported new approaches to reach maximum impact.
- Leverage: Results can be re-used by other individuals, groups or communities and motivate new innovations.
- Focus: Results are focused on solving a specific problem.
- Impact: Innovation has a significant positive impact on a social or humanitarian problem.
- We are seeking real world implementations with sustainable business models, although widespread trials are acceptable.

The Shortlist

KT

Digital Island
Moheshkhali

LEFT

YO! Connectivity to the
Unconnected

PROJECT ISIZWE

Wi-Fi TV – lights,
camera, citizenship!

CATEGORY 7
WBA WIRELESS LEADERSHIP AWARD

This award has been created to recognize contribution(s) by a person, team or organization that have supported and/or advanced the vision of WBA and/or its work areas, both within or outside the WBA. This is a recognition of leaders in the wireless sector.

These contributions may be found in technological innovations, new or disruptive business models and strategies, public policy and advocacy, etc.

Candidates can be nominated by WBA members and non-members alike, and should provide information that will demonstrate the major contributions their nominee has made to significantly influence and impact the wireless ecosystem development.

The Award is selected by the WBA Board of Directors. The Award will be presented by the Chair and Co-chair of the WBA on behalf of the WBA Board of Directors.

This category is open for WBA members and non-members.

The Shortlist

DAVID HAGAN,
CEO
Boingo Wireless

IMDA – Wireless@SG – Singapore's largest city wide federated public Wi-Fi network

JESSICA ROSENWORCEL,
FCC Commissioner

CATEGORY 8
DISTINGUISHED MEMBER AWARD (NON-OPERATOR)

This award has been created to recognize the contribution of WBA non-operator members to WBA work and work-areas.

Candidates are nominated by the WBA membership, and should provide information that will demonstrate what kind of significant contributions their nominee has made to the projects and activities of WBA.

This award has been created to recognize the contribution of WBA members to WBA work and work-areas and voting among the WBA members.

Judges evaluated:

- General contribution to wireless industry.
- Driving WBA initiatives.
- Overall support to WBA.
- Developed an outstanding works in last 12 months.

The Shortlist

BSG WIRELESS

INTEL

RUCKUS WIRELESS

CATEGORY 9

DISTINGUISHED MEMBER AWARD (OPERATOR)

This award has been created to recognize the contribution of WBA Operator members to WBA work and work-areas.

Candidates are nominated by the WBA membership, and should provide information that will demonstrate what kind of significant contributions their nominee has made to the projects and activities of WBA.

This award has been created to recognize the contribution of WBA members to WBA work and work-areas and voting among the WBA members.

Judges evaluated:

- General contribution to wireless industry.
- Driving WBA initiatives.
- Overall support to WBA.
- Developed an outstanding works in last 12 months.

The Shortlist

AT&T

BOINGO WIRELESS

ORANGE

THE WBA MISSION

WBA is the leading organization driving the adoption of wireless broadband and championing the development of the converged wireless broadband ecosystem through seamless, secure and interoperable unlicensed wireless broadband services for delivering outstanding user experience.

Wi-Fi and unlicensed wireless have now become a serious part in the telecommunications field, and are stepping outside their traditional role of providing connectivity to consumers toward vertical market specific sectors such as Cities, IoT service platforms, etc. Interoperability and security between different technologies is rapidly becoming a key requirement in developing new services.

Wi-Fi is poised to play an important role in the development of 5G. The adoption of Next-Generation Wi-Fi services will need the coexistence and convergence of unlicensed and licensed networks in order to have significant impact on the future of wireless communications.

WIRELESS BROADBAND ALLIANCE
DRIVING NEXT WIRELESS EXPERIENCE

LEARN

Learn from the combined expertise and experience of our members. Get insight into global trends in the converged and unlicensed wireless ecosystems in addition to industry best practices.

LEVERAGE

Leverage networking and partnership-building opportunities at our world-class industry events. Join us at the Wireless Global Congress, Vision Forum, or one of our many one-on-one meeting opportunities, attended by the world's largest telecommunications companies.

ENGAGE

Engage the community of operators, global LTE and Wi-Fi convergence partners, business leaders and technical experts that form our membership.

INFLUENCE

Influence The development of technical specifications and frameworks and have you say on key WBA initiatives through involvement in our working groups or on our projects.

MEMBERSHIP - JOIN THE WBA

MEMBERSHIP CATEGORIES

GENERAL MEMBER

For network operators or technology companies interested in full participation in WBA Members Meeting and full voting rights.

OBSERVER MEMBER

Open to operators and vendors with an annual revenue below $50m (USD)

Restricted participation in WBA projects and no voting rights.

GROUP MEMBER

Open to affiliate companies of existing WBA Board or general members.

Participation in WBA projects allowed but voting rights via parent member companies.

BENEFITS EXCLUSIVELY FOR WBA MEMBERS

Collaboration Tools and Extranet

Connect with a global community of 500+ industry experts. Collaborate, network, search and share information, intelligence and the resources that you need to influence and grow your business within the Wi-Fi ecosystem.

Participation and Networking Programs and Projects

Participate in Members-only programmes, projects and working groups which enable you to work with other industry players in a structured and efficient way towards common business objectives.

Marketing and Market Intelligence

Leverage the WBA platforms to enhance your business profile and promote your brand on the world stage.

Events Opportunities

Participate and engage with the world's leading wireless industry events for the ecosystem, Wireless Global Congress, attract over 1,700 people from across the globe annually.

To view all of the benefits available to WBA Members, please visit: wballiance.com/join-us/membership-benefits alternatively scan the QR Code

INTERESTED IN JOINING THE WORLD'S MOST INFLUENTIAL WIRELESS ADVOCATE?

Visit: **www.wballiance.com**
Or Email: **membership@wballiance.com**

Join us NOW!

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SAN JOSE, USA

WIRELESS
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Founded in 2003, the Wireless Broadband Alliance (WBA) works tirelessly to champion the development of a converged wireless broadband ecosystem; through the seamless, secure and interoperable unlicensed wireless broadband services, and enable outstanding user experience for more than 2 billion global subscribers through our member operators.