



## NEWS RELEASE

### **Dynamic Spectrum Alliance announces the publication of new model rules for TV White Space technology**

*The new rules will enable regulators to implement TV White Space networks quickly and efficiently in a bid to bridge the digital divide and support the IoT*

**Beaverton, Ore., USA, 9 January 2018:** The Dynamic Spectrum Alliance (DSA) has today announced the publication of new model rules for TV White Space (TVWS) technology. The new model rules will provide governments, policy makers and regulators with the tools necessary to enable the quick and efficient deployment of TVWS networks to help bridge the digital divide and support the Internet of Things (IoT).

Replacing the original version published in 2014, the updated model rules offer higher availability for dynamic spectrum devices and stronger protection for incumbent users. They are based upon the regulatory environments already put in place by Ofcom in the UK and the Federal Communications Commission in the US, incorporating learnings from the operation of TVWS networks, including DSA member Nominet's experiences running its TVWS services.

"We are very proud to be releasing the latest TVWS model rules, incorporating the experience of many DSA members who are leaders in TVWS technology and deployment," said Kalpak Gude, President of the Dynamic Spectrum Alliance. "The Alliance has long been championing TVWS technology to connect those in underserved and rural locations, which will in turn help to bridge the digital divide. Our membership consists of organizations at the forefront of TVWS developments, and we will continue to work together to ensure global connectivity, while maintaining the most effective and efficient use of spectrum, is achieved."

TVWS refers to unused frequencies in the wireless spectrum between TV broadcasts. The new rules are designed to facilitate and encourage international regulatory harmonisation for TVWS, and to help countries where creating a bespoke regulatory environment for TVWS from scratch is difficult and time intensive due to limited resources and the nature of the process of developing new regulations. Instead, regulators can use the new model rules as a customisable out-of-the-box solution, for a faster and more efficient way to enable TVWS networks to be launched in their markets.

Adam Leach, Director of Emerging Technology at Nominet, an Ofcom-approved white space database operator and member of the DSA, said: "We're delighted to publish the new set of model TVWS rules and hope they'll help to accelerate new deployments all over the world. TVWS has the potential to bring connectivity to people and places that have never had it before, and truly revolutionize their lives in the process. We've worked hard to build on the foundations laid by Ofcom and the FCC, and hope the new rules offer the best of both worlds to countries that are considering TVWS technologies. Once adopted, operators, device manufacturers and database providers alike will be able to enter new markets very quickly, and with minimal start-up costs – meaning they can launch and start delivering benefits to local communities faster than ever before."

The revised DSA model rules enable flexible network topologies such as mesh networks, TVWS in high-speed, long-distance scenarios such as on trains, and a more streamlined regulatory framework to facilitate market growth. In any location, rules must be in place to ensure that TVWS users will not cause interference to incumbent users, such as television broadcasters and domestic television users. The revised DSA model rules are ready and available now, for use across the world.

To read the new DSA TVWS model rules, please visit: <https://goo.gl/EEnwyn>. For more information about the Dynamic Spectrum Alliance, please visit: <http://dynamicspectrumalliance.org/>.

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### **About the Dynamic Spectrum Alliance**

The Dynamic Spectrum Alliance is a global organization advocating for laws and regulations that will lead to more efficient and effective spectrum utilization. The DSA's membership spans multinationals, small- and medium-sized enterprises, and academic, research, and other organizations from around the world, all working to create innovative solutions that will increase the amount of available spectrum to the benefit of consumers and businesses alike.

For more information, visit: <http://www.dynamicspectrumalliance.org/>.

Keep up to date with the latest DSA activities by following the Dynamic Spectrum Alliance on [Twitter](#), [Facebook](#), or [LinkedIn](#).

### **About Nominet**

Nominet is driven by a commitment to use technology to improve connectivity, security and inclusivity online. For 20 years, Nominet has run the .UK internet infrastructure, developing an expertise in the Domain Name System (DNS) that now underpins sophisticated network analytics used by governments and enterprises to mitigate cyber threats. The company provides registry services for top level domains, and is exploring applications for a range of emerging technologies. A profit with a purpose company, Nominet supports initiatives that contribute to a vibrant digital future. Find out more at [www.nominet.uk](http://www.nominet.uk).

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