

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	A collaborative approach to license-exempt operation	
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Re:	Call for Contributions, IEEE 802.16h Task Group on License-Exempt Coexistence, IEEE 802.16h-05/014	
Abstract	This document describes a collaborative approach in the cost effective implementation of license-exempt operation.	
Purpose		
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A collaborative approach to license-exempt operation

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Overview

The current version of this document is a place holder for a later revision. Discussion will focus on the combined use of high-level network planning and shorter term interference monitoring to accomplish coexistence.

High-level network planning provides for the meeting of long-term QoS requirements and minimizes the requirements on the exchange of potentially sensitive information between service providers.

Interference monitoring uses real-time monitoring to mitigate interference related to intra and inter system interference.

The combination of approaches will provide for cost effective deployment in license-exempt or light licensed bands; cost effective in terms of network infrastructure and deployment costs. There exists a natural tension between reducing infrastructure management costs with a corresponding increase in complexity in discrete devices interference monitoring abilities.

It is proposed that this approach fits within existing headings in the 802.16h draft and provides an additional option for license-exempt operation.