

PATENT STATEMENT AND LICENSING DECLARATION FORM FOR
ITU-T OR ITU-R RECOMMENDATION | ISO OR IEC DELIVERABLE



**Patent Statement and Licensing Declaration
for ITU-T or ITU-R Recommendation | ISO or IEC Deliverable**

This declaration does not represent an actual grant of a license

Please return to the relevant organization(s) as instructed below per document type:

Director
Telecommunication
Standardization Bureau
International Telecommunication
Union
Place des Nations
CH-1211 Geneva 20,
Switzerland
Fax: +41 22 730 5853
Email: tsbdir@itu.int

Director
Radiocommunication Bureau
International Telecommunication
Union
Place des Nations
CH-1211 Geneva 20,
Switzerland
Fax: +41 22 730 5785
Email: brmail@itu.int

Secretary-General
International Organization for
Standardization
1 chemin de la Voie-Creuse
CH-1211 Geneva 20
Switzerland
Fax: +41 22 733 3430
Email:
patent.statements@iso.org

General Secretary
International Electrotechnical
Commission
3 rue de Varembe
CH-1211 Geneva 20
Switzerland
Fax: +41 22 919 0300
Email:
inmail@iec.ch

Patent Holder:

Legal Name Ikanos Communications, Inc.

Contact for license application:

Name & Andrew Hughes

Department Legal Department

Address 47669 Fremont Blvd.

Fremont, CA 94538 USA

Tel. +1 510 438 6203

Fax

E-mail ahughes@ikanos.com

URL (optional) www.ikanos.com

Document type:

☒ ITU-T Rec. (*) ☐ ITU-R Rec. (*) ☐ ISO Deliverable (*) ☐ IEC Deliverable (*)
(please return the form to the relevant Organization)

☐ Common text or twin text (ITU-T Rec. | ISO/IEC Deliverable (*)) (for common text or twin text,
please return the form to each of the three Organizations: ITU-T, ISO, IEC)

☐ ISO/IEC Deliverable (*) (for ISO/IEC Deliverables, please return the form to both ISO and IEC)

(*)Number G.999.1 - 2009 Amendment 1 (04/2010)

(*)Title Extension for flow control on the PHY-to-LINK data stream over gamma
reference point

Licensing declaration:

The Patent Holder believes that it holds granted and/or pending applications for Patents, the use of which would be required to implement the above document and hereby declares, in accordance with the Common Patent Policy for ITU-T/ITU-R/ISO/IEC, that (check one box only):



1. The Patent Holder is prepared to grant a Free of Charge license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and under other reasonable terms and conditions to make, use, and sell implementations of the above document.

Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC.

Also mark here ___ if the Patent Holder's willingness to license is conditioned on Reciprocity for the above document.

Also mark here ___ if the Patent Holder reserves the right to license on reasonable terms and conditions (but not Free of Charge) to applicants who are only willing to license their Patent, whose use would be required to implement the above document, on reasonable terms and conditions (but not Free of Charge).



2. The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document.

Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO, or IEC.

Also mark here X if the Patent Holder's willingness to license is conditioned on Reciprocity for the above document.



3. The Patent Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2 above.

In this case, the following information must be provided to ITU, and is strongly desired by ISO and IEC, as part of this declaration:

- granted patent number or patent application number (if pending);
- an indication of which portions of the above document are affected;
- a description of the Patents covering the above document.

Free of Charge: The words "Free of Charge" do not mean that the Patent Holder is waiving all of its rights with respect to the Patent. Rather, "Free of Charge" refers to the issue of monetary compensation; *i.e.*, that the Patent Holder will not seek any monetary compensation as part of the licensing arrangement (whether such compensation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this situation is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the implementer of the same above document sign a license agreement that contains other reasonable terms and conditions such as those relating to governing law, field of use, warranties, etc.

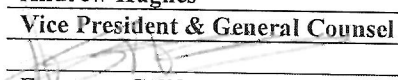
Reciprocity: The word "Reciprocity" means that the Patent Holder shall only be required to license any prospective licensee if such prospective licensee will commit to license its Patent(s) for implementation of the same above document Free of Charge or under reasonable terms and conditions.

Patent: The word "Patent" means those claims contained in and identified by patents, utility models and other similar statutory rights based on inventions (including applications for any of these) solely to the extent that any such claims are essential to the implementation of the same above document. Essential patents are patents that would be required to implement a specific Recommendation Deliverable.

Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

☐ Check here if additional patent information is provided on additional pages.

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

Signature (include on final page only):	
Patent Holder	<u>Ikanos Communications, Inc.</u>
Name of authorized person	<u>Andrew Hughes</u>
Title of authorized person	<u>Vice President & General Counsel</u>
Signature	<u></u>
Place, Date	<u>Fremont, California, USA June 5, 2015</u>

FORM: 23 April 2012

