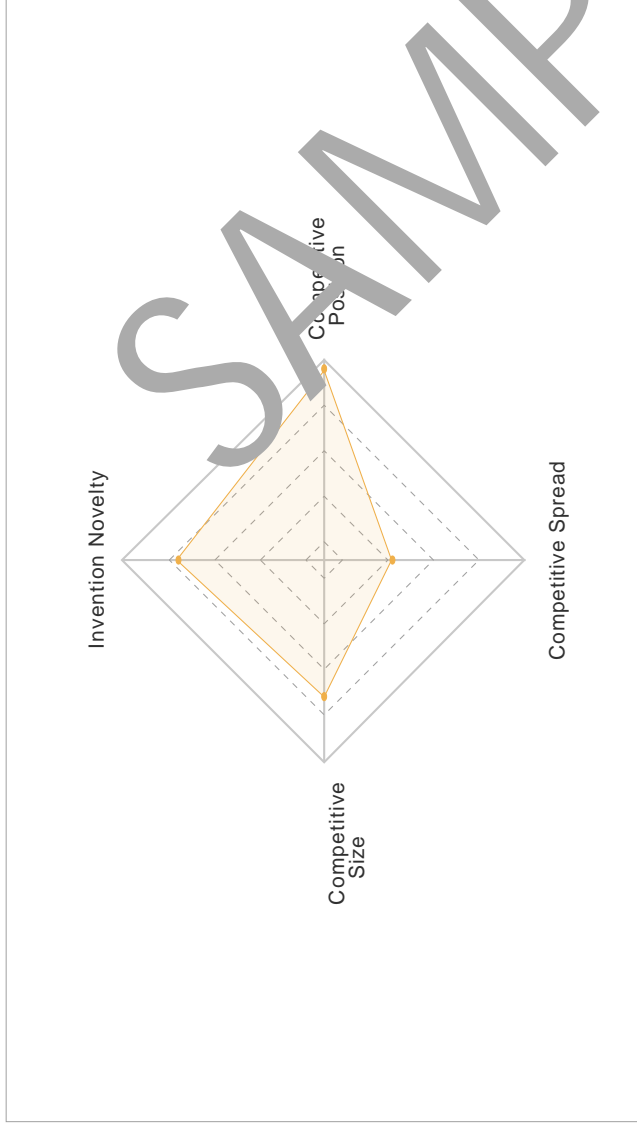


IPCOM000238147D Signal Strength Presence Status

CISCO TECH INC

QUERY: Enable an Instant Messaging (IM) client to display a contact's signal strength as presence information. Knowing a contact's signal strength can help a user decide when and how to communicate with a contact. For example, if a contact has only one bar, the user may want to quickly IM that contact before they completely lose their connection. Or, if



Invention Novelty 700
 Invention Novelty is calculated using the semantic distance of the TOI to the closest member found in the Peer Group. Higher values indicate greater uniqueness of the underlying ideas. This index informs whether the TOI is an incremental step or a significant leap over the technology disclosed by its closest peer.

Competitive Position 950
 Competitive Position is calculated using the current rank of the Filing Entities among the other Entities using the count for each Entity in the Peer Group. Higher values indicate a better position in the competitive food chain; eat or be eaten. This index informs the Filing Entities' investment commitment and its positioning relative to the other Entities in the same technology space.

Competitive Spread 275
 Competitive Spread is calculated using the count of the Filing Entities' patents found in the Peer Group. Higher values indicate greater dominance in this technology area. This index informs the level of market protection obtained by the Filing Entities.

Competitive Size 650
 Competitive Size is calculated using the number of large versus small Entities found in the Peer Group excluding the TOI. Higher values indicate a market more concentrated with larger institutional competitors. This index informs the favorability of the environment to generate the highest revenue per licensee.

TECHNOLOGY VITALITY OVERVIEW
 This technology has above-average **Invention Novelty** when reviewed against our collection of over 70 million technologies. Invention Novelty shows whether the technology is a small incremental step (low index value) or a significant leap (high index value) over the technology disclosed in the closest peer US8694517. As of October 26, 2016, the competitive space is mixed between small and large entities and CISCO TECH INC commands a below-average position within the peer group. Since 2000, patent applications in the dominant CPC subclass from the peer group have grown at a compounded annual growth rate of 5.43%.

TOP CONCEPTS/KEYWORDS
 The keywords below illustrate the applicable concepts of the invention. Highlighted concepts are the keywords not found in the technology description but are applicable to the inventions of the peer group.

- client
- service
- presence
- internet
- communications
- phone
- voice
- telephone
- video
- session
- request
- party
- chat

TOP SUBCLASSES IN PEER GROUP

CPC-SUBCLASS	COUNT	CAGR
H04L	44	5.43%
Transmission of digital information, e.g. telegraphic communication.		
H04M	22	-3.47%
Telephonic communication.		
G06Q	14	2.73%
Data processing systems or methods, specially adapted for administrative, commercial, financial, managerial, supervisor...		

ENTITIES FROM THE PEER GROUP

#	ENTITY	COUNT
1.	AVAYA INC	4
2.	NOKIA CORP	3
3.	YAHOO INC	3
4.	MASSACHUSETTS INST...	1
5.	SYMBIAN LTD	1
6.	SCHOETTLE ROLAND	1
7.	SIEMENS COMM INC	2
8.	AOL INC	3
9.	INTL BUSINESS MACHI...	8
10.	SYMBIAN SOFTWARE LT...	1