

BY-LAWS OF THE PAGING TECHNICAL COMMITTEE

MISSION STATEMENT

The mission of the Paging Technical Committee is to ensure the timely development of technologies and standards necessary to support the continued growth of the paging and wireless messaging business. These efforts shall be aimed to increase the capacity and efficiency of network operations and to support the wireless messaging industry in the establishment and provisioning of new and advanced services such as telemetry, internet and data applications.

AFFILIATION

The PTC shall be affiliated with an appropriate industry association that will help ensure the success of its members and promote the paging industry. In June of 2002, the current members voted to be affiliated with the American Association of Paging Carriers (AAPC).

RESPONSIBILITIES OF THE COMMITTEE

The Committee's responsibilities shall include:

- 1) Providing insight and expertise to the industry and AAPC membership on likely paging/data services, standards and markets affecting data users in a variety of user environments.
- 2) Recommending to the industry and AAPC membership issues to be addressed on regulatory policies, technologies and on markets.
- 3) Establish subcommittees to address various tasks as deemed necessary by the committee.
- 4) Overseeing and providing input to its subcommittees on relevant issues and needed work efforts.
- 5) Approving the work products of its subcommittees or ratifying the approval process a subcommittee may establish for its work products.
- 6) Developing consensus among leading industry representatives as to paging/data markets, user needs, standards and timing considerations.
- 7) Identifying, establishing and maintaining appropriate liaisons with both external organizations (e.g.; standards bodies) and other paging organizations which will or are undertaking detailed technical work in support of data-over-paging applications.

MEMBERSHIP AND GOVERNANCE

- 1) Participation on the Paging Technical Committee is open to all paging industry professionals.
- 2) In order to support the activities of the PTC with respect to organizing technical standards, maintaining a web site and providing support to the PTC and its various subcommittees, dues may be levied. The association that the PTC is affiliated shall recommend a dues structure to support these activities. The recommended dues are subject to PTC approval.
- 3) The activities of the Committee shall be presided over by a Chairman from the carrier community and a Vice-Chairman from the manufacturing community, who shall be elected by the current membership of the PTC. The Chairman and the Vice-Chairman shall serve for a period of one (1) year.
- 4) A Steering Committee shall be established with membership consisting of the Chairman, Vice-chairman, the current chairs of all subcommittees, and one PTC member elected from the general PTC.
- 5) Work product of the Committee and its subtending working groups shall be approved by vote of the full Committee, on the basis of one vote per Participating Company.
 - a) Whether in mail ballot or by voice vote, a positive approval by 2/3rds of those voting shall constitute approval of a proposed document, protocol, standard or other work product.
 - b) Notwithstanding this 2/3rd majority basis, every effort will be made to reach substantial consensus in all actions of the Committee.
 - c) A Participating Company must have a representative present for 2 of the last 3 face-to-face meetings.

SUBCOMMITTEES

Smaller subcommittees or working groups shall, from time to time, be formed by the Committee to address specific issues identified by the Committee, which require specialized expertise and focused effort for their timely conclusion.

The Committee shall select the subcommittee chairman. The subcommittee shall establish their own workplans and objectives, work product approval process and meeting schedules subject to ratification by the Committee.

The current working subcommittees are identified in attachment A

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MEETING SCHEDULES AND SUPPORT

The PTC shall conduct a minimum of 2 face-to-face meetings during the year (from 1 January to 31 December). A meeting notice shall be sent out at least 30 days in advance of the meeting. A preliminary agenda will be created from the Steering Committee and shall be distributed either via email or web posting at least 15 days prior to any meeting.

Subcommittees shall meet as their individual workplans warrant.

Expenses associated with participation on the Committee and its subtending work groups shall be borne by the individual participant.

Recognizing that the cost of participation could present a barrier to involvement of particularly smaller companies, the conduct of all Committee and subcommittee activities shall be planned in a manner, which minimizes the burden of participation to individual companies.

Individual companies shall be encouraged to host meetings of the Committee and its subtending work groups.

ATTACHMENT A

Protocol Working Group (PWG): Group dedicated to enhancing existing protocols (including ReFLEX, TNPP, TAP, CALEA, WCTP, RXP, Next Generation, FLEXSuite, FLEX).

Device Standards Group (DSG): Establish a set of documents and recommendations for new devices.

!-Way Working Group: Group dedicated to identifying and addressing technical issues for 1-way paging.

Developer Community: Group dedicated to providing technical information and help to developers of paging solutions.

Amended: February 2003

Amended: April 2005 (change from 3 meetings per year to 2 meetings per year)