

Operation of an Autonomous Distributed Collaborative Network Using P2P “SIONet” Technology—Launch of Joint Tests

NTT and Kiryu Area Intelligence Network (KAIN) began joint tests on May 1st of this year on the operation of an autonomous distributed collaborative network using NTT's P2P SIONet (peer-to-peer semantic information oriented network) technology. The purpose of these tests is to expand regional activities and regional IT applications in a flexible and global manner.

Building on the networks cultivated by the KAIN-P2P Consortium (a regional collaboration of industry, academia, and government established and operated by KAIN), these tests aim to develop true people-to-people network technology using a SIONet platform and SIONet applications. Functions and systems developed in this way by field testing will enable user comments and reactions and system operation data to be collected and will facilitate research into functional and system extensions. The joint tests are scheduled to run until the end of March 2005. For an overview of the tests, please visit the Web site at <http://www.p2p-conso.jp/> (in Japanese).

Test users are general users registered as KAIN Joint Test members and service providers that are

developing SIONet-based services. These users will form communities as SIONet terminals (PCs and other devices) come to be installed at locations (operating sites) provided by KAIN and in various homes and offices. Users install application software on their own PCs and participate in these communities over the Internet (using an interface based on a general-purpose Internet protocol: http).

The KAIN-P2P Consortium is in charge of content planning and application development, verification testing, and test result evaluation. It will also be responsible for testing and evaluating models for autonomous distributed collaborative communities in regions that adopt P2P systems.

NTT intends to promote more innovation in P2P technology and the creation of information-delivery systems based on the knowledge gained through these joint tests.

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