

Second Laureate Applied Research



- **Project title:** IP-based Hybrid Telecom Switch
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Abstract:

Following the increased demand for information and communication technologies and the need to integrate communication in organizations, AVA Communications R&D team has proceeded to design and manufacture IP PBX systems since 2003. The product was named "Phonix".

This hybrid switch is based on the latest communication technology, NGN. This is the first and only IP PBX of its kind that fully designed and developed in Iran.

In the next generation communications technology, besides physical circuits, the key part of system performance is embedded in internal software (firmware), so, in terms of this technology, the word "soft switch" is used instead of switch in many cases.

Some of the main advantages of AVA Communications IP PBX systems include integrating communications for organizations that are geographically dispersed, interactive voice response, E1 PRI lines support, extensive management and reporting, virtual fax, voice box, direct inwards system access, and other features that increase efficiency and quality of organizational communications.

