

ECMA-204, Private Telecommunication Networks (PTN) – Inter-Exchange Signalling Protocol – Supplementary Service Interactions (QSIG-IA)

SCOPE

This Standard specifies the additional signalling protocol requirements for the support of interactions between supplementary services at the Q reference point between Private Telecommunication Network Exchanges (PTNXs) connected together within a Private Telecommunication Network (PTN).

The Q reference point is defined in ECMA-133.

Service specifications are produced in three stages and according to the method specified in ENV 41005. This Standard contains the stage 3 specification for the Q reference point for the interactions between supplementary services.

For a given pair of supplementary services, this Standard specifies the impact of interactions, if any, on the signaling protocol at the Q reference point. The protocol for each individual supplementary service is specified in a separate standard, operates in addition to the signalling protocol for basic circuit switched call control, as specified in ECMA-143, and uses certain aspects of the generic functional protocol for the control of supplementary services specified in ECMA-165.

NOTE 1:

Additional interactions that have no impact on the signalling protocol at the Q reference point can be found in the relevant stage 1 specifications.

This Standard also specifies interactions between Additional Network Features (ANFs) and between ANFs and supplementary services.

This Standard is applicable to PTNXs which can be interconnected to form a PTN and which support signaling protocols at the Q reference point for two or more supplementary services.