

# ISO/IEC 21991 :2002-06 (E)

## Information technology; Telecommunications and information exchange between systems\_ - Corporate telecommunication networks\_ - Signalling interworking between QSIG and H.323; Call completion supplementary services

---

<b>Contents</b>		Page
Foreword		v
Introduction		vi
<b>1</b>	Scope	<b>1</b>
<b>2</b>	Conformance	<b>1</b>
<b>3</b>	Normative references	<b>1</b>
<b>4</b>	Definitions	<b>2</b>
<b>4.1</b>	External definitions	<b>2</b>
<b>4.2</b>	Other definitions	<b>2</b>
<b>4.2.1</b>	Entity A	<b>2</b>
<b>4.2.2</b>	Entity B	<b>2</b>
<b>4.2.3</b>	Gateway	<b>2</b>
<b>4.2.4</b>	IP network	<b>2</b>
<b>4.2.5</b>	Leg A	<b>2</b>
<b>4.2.6</b>	Scenario A1	<b>2</b>
<b>4.2.7</b>	Scenario A2	<b>2</b>
<b>5</b>	Acronyms	<b>3</b>
<b>6</b>	Service architecture	<b>3</b>
<b>6.1</b>	Service architecture for invocation and operation	<b>3</b>
<b>6.1.1</b>	ISO/IEC 13870 service architecture	<b>3</b>
<b>6.1.2</b>	H.450.9 service architecture	<b>4</b>
<b>6.1.3</b>	Scenarios for interworking	<b>4</b>
<b>6.1.4</b>	Selection of the same gateway for all phases	<b>4</b>
<b>6.2</b>	Options	<b>4</b>
<b>7</b>	Protocol interworking – General requirements	<b>5</b>
<b>8</b>	Protocol interworking – Messages and APDUs	<b>5</b>
<b>8.1</b>	Signalling phase 1 - invocation of call completion	<b>5</b>
<b>8.1.1</b>	Scenario A1	<b>5</b>
<b>8.1.2</b>	Scenario A2	<b>6</b>
<b>8.2</b>	Signalling phase 2 – user B available notification	<b>6</b>
<b>8.2.1</b>	Scenario A1	<b>7</b>
<b>8.2.2</b>	Scenario A2	<b>8</b>
<b>8.3</b>	Signalling phase 3 – CC call establishment	<b>9</b>
<b>8.3.1</b>	Scenario A1	<b>9</b>
<b>8.3.2</b>	Scenario A2	<b>9</b>
<b>8.4</b>	Signalling phase 4 – cancellation of SS-CC	<b>9</b>
<b>8.4.1</b>	Scenario A1	<b>10</b>
<b>8.4.2</b>	Scenario A2	<b>10</b>
<b>9</b>	Protocol interworking – content of APDUs	<b>10</b>
<b>9.1</b>	APDU content mapping from QSIG to H.323	<b>11</b>

<b>9.1.1</b>	ccbsRequest/ccnrRequest invoke APDU mapping	<b>11</b>
<b>9.1.2</b>	ccbsRequest/ccnrRequest return result APDU mapping	<b>11</b>
<b>9.1.3</b>	ccCancel/ccExecPossible invoke APDU mapping	<b>11</b>
<b>9.2</b>	APDU content mapping from H.323 to QSIG	<b>12</b>
<b>9.2.1</b>	ccbsRequest/ccnrRequest invoke APDU mapping	<b>12</b>
<b>9.2.2</b>	ccbsRequest/ccnrRequest return result APDU mapping	<b>12</b>
<b>9.2.3</b>	ccCancel/ccExecPossible invoke APDU mapping	<b>12</b>
<b>Annexes</b>		
<b>A</b>	<b>- Implementation Conformance Statement (ICS) proforma</b>	<b>13</b>
<b>B</b>	<b>- Message flow examples</b>	<b>20</b>