

1. *communicationSchema* ::= *controlSchema* | *dataSchema*
2. *controlSchema* ::= **controlSchema** *connection* {*connection*} *dataType* {*dataType*} *attachedParty* {*attachedParty*}
3. *connection* ::= **connection** *device* {*device*} *dataTypeRef* {*dataTypeRef*}
4. *dataTypeRef* ::= **mediumTypeRef** | **formTypeRef**
5. *dataType* ::= **mediumType** | *formType*
6. *formType* ::= **formType** {*formType*} **mediumType** {**mediumType**} | **formType** **mediumType** {**mediumType**}
7. *attachedParty* ::= **person** **isAttached**
8. *device* ::= **device** **deviceCapability** {**deviceCapability**}
9. **controlSchema** ::= *communicationID_A* *schemaSource_A*
10. **connection** ::= *connectionID_A*
11. **mediumTypeRef** ::= *mediumTypeName_A*
12. **formTypeRef** ::= *formTypeName_A*
13. **mediumType** ::= *mediumTypeName_A* *mediumURL_A* *mediumSize_A* *lastModifTime_A* *validityPeriod_A* *firstTransferTime_A* *voiceCommand_A* *derivedFromBuiltInType_A*
14. **formType** ::= *formTypeName_A* *actionTF_A* *suggestedApplication_A* *voiceCommand_A* *layoutSpecification_A*

15. **person** ::= *personID_A* *personRole_A* *personName_A*
16. **isAttached** ::= *deviceID_A* *personID_A*
17. **device** ::= *deviceID_A* *isVirtual_A* *isLocal_A*
18. **deviceCapability** ::= *builtinType_A*
19. *dataSchema* ::= **dataSchema** (*dataContent* | **request**)
20. **dataSchema** ::= *connectionID_A* *communicationID_A*
21. *dataContent* ::= **medium** | *form*
22. *form* ::= **form** {*form*} **medium** {**medium**} | **form** **medium** {**medium**}
23. **medium** ::= *mediumTypeName_A* *mediumName_A* *mediumURL_A* *mediumSize_A* *lastModifTime_A* *validityPeriod_A* *firstTransferTime_A* *voiceCommand_A*
24. **form** ::= *formTypeName_A* *formID_A* *actionTF_A* *suggestedApplication_A* *voiceCommand_A* *layoutSpecification_A*
25. **request** ::= *requestID_A* *mediumName_A* *actionReq_A* | *formID_A* *mediumURL_A* {*mediumURL_A*} *actionReq_A*
26. *actionTF_A* ::= “send” | “sendOnDemand” | “secureSend”
27. *actionReq_A* ::= “open” | “save”
28. *builtinType_A* ::= “TextFile” | “LiveAudio” | “LiveVideo” | “LiveAV” | “Text” | “AudioFile” | “VideoFile” | “AVFile” | “NonStreamFile”