

# **INTERFACE CONTROL**

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**Team C**

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## 1. Introduction

This interface control document specifies the type and range of data that is passed between the RdosTester subsystems. Additionally, it specifies the type and range of data sent to and received from outside systems.

## 2. Data Between the RdosTester Subsystem and the Packet Subsystem

Name	Type	Value Range	Default Value
srcIP1	int	0-255	127
srcIP2	int	0-255	0
srcIP3	int	0-255	0
srcIP4	int	0-255	1
dstIP1	int	0-255	127
dstIP2	int	0-255	0
dstIP3	int	0-255	0
dstIP4	int	0-255	1
port	int	0-65535	27960

## 3. Data Between the RdosTester Subsystem and the PacketTransmitter Subsystem

Name	Type	Value Range	Default Value
originalPacket	Packet		
completePacket	String	"..."	null
packetSize	int	0-2 <sup>31</sup>	0

## 4. Data Between the RdosTester Subsystem and the Analysis Subsystem

Name	Type	Value Range	Default Value
returnedSize	int	0-2 <sup>31</sup>	0
originalSize	int	0-2 <sup>31</sup>	0

### 5. Data Between the RdosTester Subsystem and the User

Name	Type	Value Range	Default Value
message	String	" ... "	null

### 6. Data Between the PacketTransmitter Subsystem and the RdosTester Subsystem

Name	Type	Value Range	Default Value
returnedPacket	Packet		
completePacket	String	" ... "	null
packetSize	int	0-2 <sup>31</sup>	0

### 7. Data Between the Analysis Subsystem and the RdosTester Subsystem

Name	Type	Value Range	Default Value
ratio	int	0-2 <sup>31</sup>	0

### 8. Data Between the Packet Subsystem and the RdosTester Subsystem

Name	Type	Value Range	Default Value
originalPacket	Packet		
completePacket	String	" ... "	null
packetSize	int	0-2 <sup>31</sup>	0

## 9. Data Between the PacketTransmitter Subsystem and the Network

Name	Type	Value Range	Default Value
originalPacket	Packet		
completePacket	String	"..."	null
packetSize	int	0-2 <sup>31</sup>	0

## 10. Data Between the Network and the PacketTransmitter Subsystem

Name	Type	Value Range	Default Value
returnedPacket	Packet		
completePacket	String	"..."	null
packetSize	int	0-2 <sup>31</sup>	0