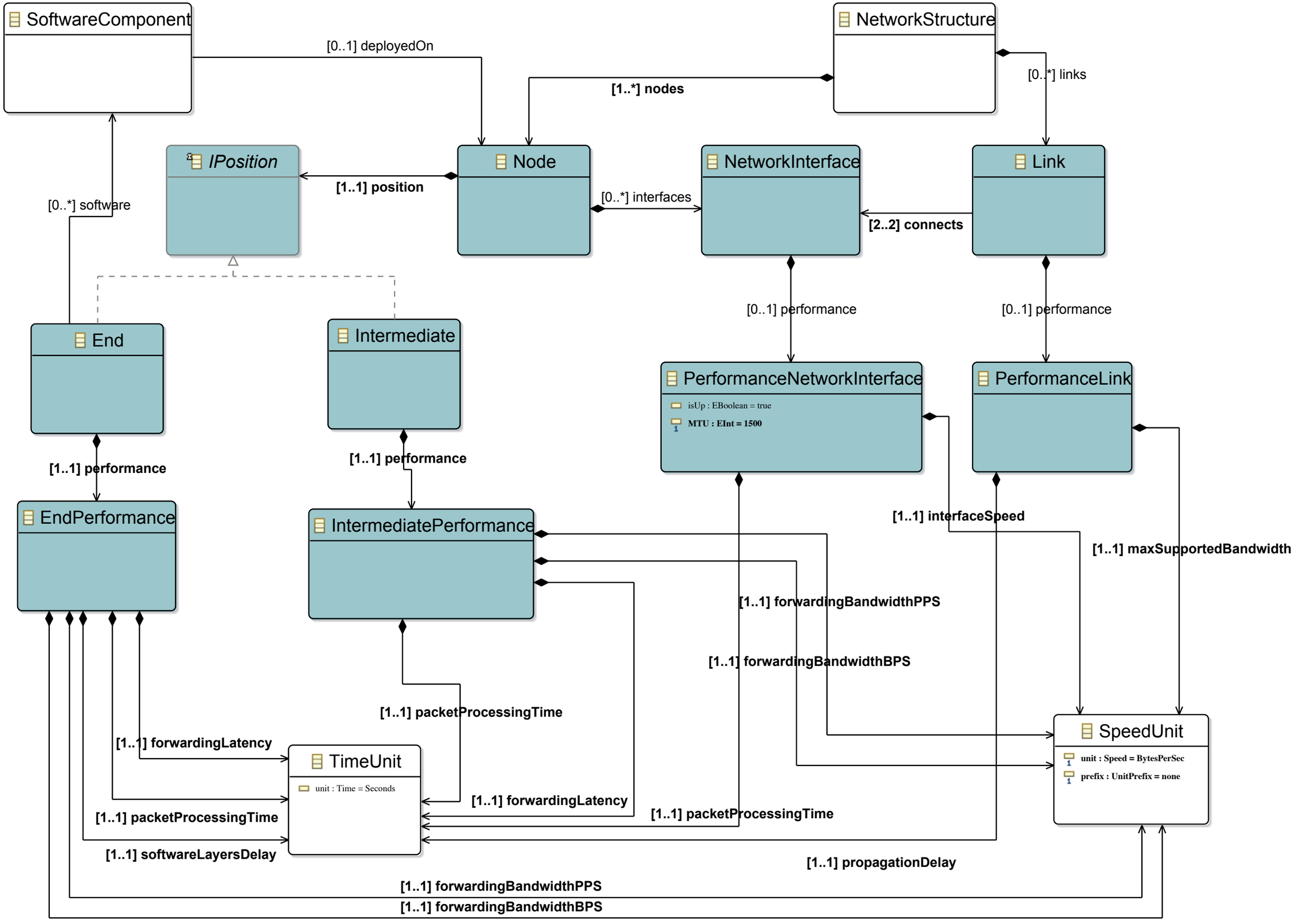
SoftwareComponent
[0..1] deployedOn
NetworkStructure
[1..*] nodes
[0..*] links
IPosition
[1..1] position
Node
[0..*] interfaces
NetworkInterface
[2..2] connects
Link
[0..*] software
[0..1] performance
[0..1] performance
End
Intermediate
PerformanceNetworkInterface
isUp : EBoolean = true
MTU : EInt = 1500
PerformanceLink
[1..1] performance
[1..1] performance
EndPerformance
IntermediatePerformance
[1..1] interfaceSpeed
[1..1] maxSupportedBandwidth
[1..1] forwardingBandwidthPPS
[1..1] forwardingBandwidthBPS
[1..1] packetProcessingTime
[1..1] forwardingLatency
TimeUnit
unit : Time = Seconds
SpeedUnit
unit : Speed = BytesPerSec
prefix : UnitPrefix = none
[1..1] forwardingLatency
[1..1] packetProcessingTime
[1..1] packetProcessingTime
[1..1] softwareLayersDelay
[1..1] propagationDelay
[1..1] forwardingBandwidthPPS
[1..1] forwardingBandwidthBPS