

# LCP Gateway Test Configurations

Vital-Sim Presentation  
Sept 12, 2013

# LCP Gateway

LCP\_Gateway STRATHCONA: OFF=IND

GENISYS Station 01 1sec Disconnect

COM REGISTRY COM3: Prolific USB- 9600 8N1

STRATHCONA

Control Statuses (Sent) OFF

Ind Statuses (Recv) IND

Control Mode  Control Mode Exit

Connection Profile Select Save

Control Mode-Ind(Recv) Bytes....

xFD x01 x81 x50 xF6	
C1NWS	C2TBS0
C1RWS	C4TBS
- 2 -	C4TBS0
- 3 -	C6TBS
C2GS	C6TBS0
C4_GGS	- 14 -
CSTOP	- 15 -
- 7 -	CECS
C2TBS	CECS0

1NWK	4TBK	- 16 -	ECK
1RWK	6TBK	- 17 -	- 25 -
1LK	2TK	GFDK	- 26 -
1NJK	2AK	- 19 -	MOK
2GK	4AK	2BDK	- 28 -
4_GGK	6AK	- 21 -	- 29 -
TEK	2AAK	- 22 -	POK
2TBK	- 15 -	- 23 -	LOK

# LCP Gateway – Test Configuration 1

Standalone/Direct:



# LCP Gateway – Test Configuration 2



GENISYS /Harmon  
Protocols

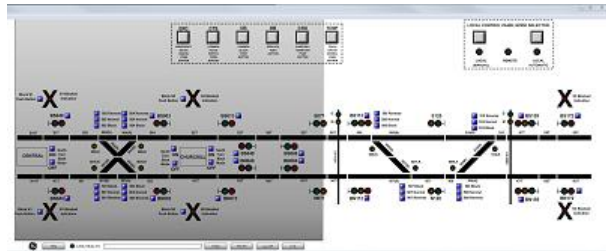
RS-232/20ma

LCP or  
Office Application



Vital-Sim  
Workstation

# LCP Gateway – Test Configuration 3



GETS Soft LCP  
(Flash Application)

RS232 – GENISYS /  
Harmon Protocol



Vital-Sim  
Workstation

# LCP Gateway – Test Configuration 4

RS-232: GENISYS /  
Harmon Protocol



LCP Gateway  
(Control Mode)



Vital-Sim  
Workstation

LCP\_Gateway STRATHCONA: OFF=IND

GENISYS Station 01 1sec Disconnect

CON REGISTRY COM3: Prolific USB- 9600 8N1

STRATHCONA

Control Profile  
Select Save

Control Mode Exit

Control Statuses (Sent) Ind Statuses (Recv)

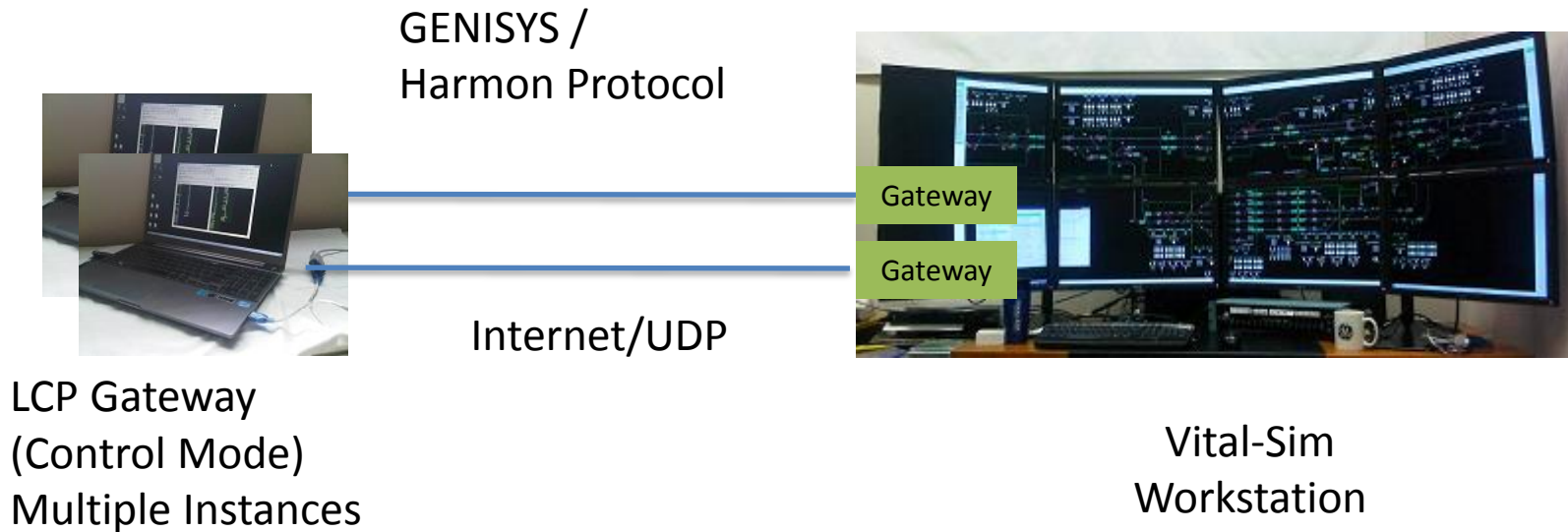
OFF IND

xFD x01 x81 x50 xF6

C1NWS	C2TBS0	1NWK	4TBK	- 16 -	ECK
C1RWS	C4TBS	1RWK	6TBK	- 17 -	- 25 -
- 2 -	C4TBS0	1LK	2TK	GFDK	- 26 -
- 3 -	C6TBS	1NJK	2AK	- 19 -	HOK
C2GS	C6TBS0	2GK	4AK	2BDK	- 28 -
C4_6GS	- 14 -	4_6GK	6AK	- 21 -	- 29 -
CSTOP	- 15 -	TEK	2AAK	- 22 -	POK
- 7 -	CECS	2TBK	- 15 -	- 23 -	LOK
C2TBS	CECS0				

Control Mode-Ind(Recv) Bytes....

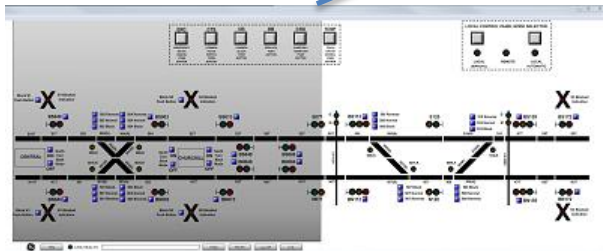
# LCP Gateway – Test Configuration 5



# LCP Gateway – Test Configuration 6



GENISYS Protocol



GETS  
MOXA

UDP



Gateway

Vital-Sim  
Workstation



# LCP Gateway – Test Configuration 7



LCP Gateway in  
Control Mode  
(with saved profile)

GENISYS/Harmon  
Protocol

RS-232/20ma



Vital/NV  
Processor