

Gas Remote Site Communications (GRSC)

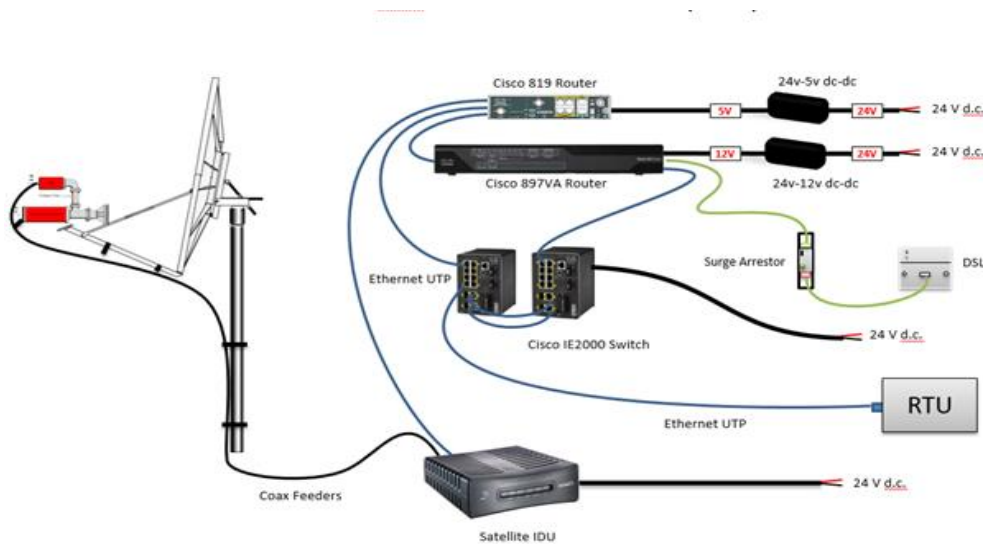
Project Outline

The implementation of the new GRSC equipment will provide National Grid with a supportable network infrastructure and fit for purpose communication links to the UKT Remote Gas Sites replacing incumbent hardware which is now "end of life". Implementation of the new equipment will enable National Grid to achieve Ofgem regulatory compliance.

Project Delivery & Innovations

Aughton Automation where tasked with producing both a G19 Generic & G35 site specific designs to incorporate the new GRSC communications equipment that would be housed in a cabinet which would be installed on various Transmission Gas sites throughout the UK.

New GRSC Communications Solution - UKT



G19 GRSC Cabinet Build Design

This Drawing is for Reference Purposes Only. It is Recommended that prior to this Drawing being used, its suitability and accuracy is confirmed.

UNCONTROLLED WHEN PRINTED

ITEM	DESCRIPTION	QTY
1	RITVAL FLATBOX ENCLOSURE 7507.010	1
2	FUSE TERMINALS 1011000000 WIP 8	5
3	END PLATE BEIGE 1050000000 WIP4.5	2
4	END BRACKET 0383560000 EW35	6
5	WALL MARKER 0292460000 SCH75	2
6	MOUNTING RAIL 7535 x 15 0498000000	1
7	RITVAL COMPONENT SHELF 7119.250	1
8	RITVAL COMPONENT SHELF 7119.400	1
9	WALL MOUNTING BRACKET 521580.000	1 PK
10	WPE4 GRN/PLW EARTH TERM 1010100000	7
11	COMMUNICATIONS MODULE IE-2000-8TC-B SWITCH (FREE ISSUE)	2
12	COMMUNICATIONS MODULE 897VA ROUTER (FREE ISSUE)	1
13	COMMUNICATIONS MODULE SKY EDGE II IP VSAT (FREE ISSUE)	1
14	COMMUNICATIONS MODULE CR180C-40-G-K9 (FREE ISSUE)	1
15	24VDC/5VDC POWER ADAPTOR (FREE ISSUE)	1
16	WICK DUCT (CNET) - 25mm x 50mm	A/R
17	WPE6 GRN/PLW EARTH TERM 1010200000	1
18	FEEDTHROUGH TERMINALS BEIGE 1020100000 WDU4	5
19	ASSEMBLY SCREWS & CAPTIVE NUTS	A/R
20	INDUSTRIAL DC/DC CONVERTER TCU 060-1120C (FREE ISSUE)	1
21	SURGE PROTECTION UNIT ZD2005/RT/4 (FREE ISSUE)	1

NOTES

- ITEM 8 HAS TO BE CUT DOWN BY 100mm FROM THE FRONT EDGE.
- REFERENCE DRAWING NUMBERS -
 - 1409/96/99/00/1520/0001
 - 1409/96/99/00/1520/0002
 - 1409/96/99/00/1520/0003
 - 1409/96/99/00/1520/0004

AUGHTON NATIONAL GRID (UK) PLC
 NATIONAL GRID TECHNOLOGY PARK
 CALDWELL HILL
 WARRICK
 COV 85A

ISSUED FOR 035 APPROVAL

nationalgrid

DRG No: 1409/96/99/00/1520/0006

Cabinet Build

All the cabinets that would be installed on site where built in house by our specialist panel builders and tested and commissioned by our competent, time served electrical engineers.

