

**ADVANCED CONTROL SYSTEMS, INC.
NTU-7500 Series IED Profile List**

REV. Date: Sept. 17, 2007

NOTICE: ACS has developed the various vendor device profiles based on information supplied by the vendor at the time of profiling for specific IED firmware versions. In the event a device profile is changed by the vendor from the original implementation, the customer will be responsible for notifying ACS of any changes uncovered and for coordinating with the IED Vendor to contact ACS for profile revisions and/or re-certification. ACS will use whatever measures available to assist the ACS customer in working with the vendor. Either the ACS customer or the Vendor must cover the cost for any additional Profile work not at the fault of ACS. Any errors or omissions in the profile at the fault of ACS will be corrected as quickly as possible at no additional charge.

| Profile P/N | IED Model | IED Firmware | V3.0 Rel. Build | Explorer Build | Protocol | Analog | Binary | Counters | Flags | Control | Setpoints | Total | Comments | Category | Config |
|-----------------------|--|---------------------------------------|-----------------------|-----------------------|----------------|--------|--------|----------|-------|---------|-----------|-------|-----------------------------|------------|-------------------------------------|
| 01-DNP-0001 | ABB DPU-2000R Dist. Protection Unit | V3.0-3.2 | Pre-2152 | 2003-0007 | DNP 3.0 / L1 | 130 | 130 | 11 | 24 | * | 0 | 295 | | TFR | |
| 01-DNP-0005 | ABB DPU-2000R Dist. Protection Unit ** | V3.0-5.0 | 6866 | 2004.0001 | DNP 3.0 / L1 | 142 | 255 | 11 | 24 | 215 | 0 | 432 | | TFR | |
| 01-DNP-0006 | ABB DPU-2000R Special L2 with 32 Analog Fast Reportable | V3.0-6.0 | N/A | 2006.0001-2a | DNP 3.0 / L2 | 142 | 225 | 11 | 24 | 215 | 0 | 402 | No Analog Change Reporting | TFR | Contact ABB for Analog Config in DF |
| 01-DNP-0002 | ABB PCD 2000 | V2.52 (plus earlier vintage profiles) | 6786 | 2003-0007 | DNP 3.0 / L2 | *147 | *207 | *45 | 24 | *107 | 0 | *423 | Cert. By ACS-V1.0 | TFR-CER | As Config. |
| 01-DNP-0003 | ABB SCD 2000 | V2.52 (plus earlier vintage profiles) | 6786 | 2003-0007 | DNP 3.0 / L2 | *147 | *207 | *45 | 24 | *111 | 0 | *423 | Cert. By ACS-V1.0 | TFR-CER | As Config. |
| 01-DNP-0004 | ABB TPU-2000 Transformer Protection Unit ** | V4.40 | 6866 | 2004-0001 | DNP 3.0 / L1 | 355 | 169 | 7 | 24 | 185 | 0 | 555 | | TFR | |
| 01-DNP-0007 | ABB TPU-2000 Transformer Protection Unit Spec. L2 with 32 Analog | V4.40 | N/A | 2006-0001-2a | DNP 3.0 / L2 | 355 | 169 | 7 | 24 | 185 | 0 | 555 | No Analog Change Reporting | TFR | Contact ABB for Analog Config in DF |
| 02-AC7-0001 | ACS 7000/R2 Generic | 6786 | 2003-0007 | ACS7000/R2 | *8 | *8 | *8 | 24 | *8 | *8 | *8 | *48 | | TFR | As Config. |
| 02-AC3-0001 | ACS ACS3000 Generic | 6786 | 2003-0007 | ACS3000 | *128 | *64 | *0 | 24 | *8 | *8 | *8 | *216 | | TFR | Maximum Allowed |
| 02-CDC-0001 | ACS Generic CDC 44/500, Type 1 | 6855c | 2003-0007 | CDC 44-500 | *144 | *0 | *0 | 24 | *0 | *0 | *0 | *168 | | TFR | As Config. |
| 02-DNP-0001 | ACS Generic DNP3 Minimum Level 1 | 3960c | 2003-0007 | DNP 3.0 / L1 | *16 | *16 | *16 | 24 | *16 | *16 | *16 | *72 | | TFR | As Config. |
| 02-DNP-0002 | ACS Generic DNP3 Minimum Level 2 | 3960c | 2003-0007 | DNP 3.0 / L2 | *16 | *16 | *16 | 24 | *16 | *16 | *16 | *72 | | TFR | As Config. |
| 02-DNP-0003 | ACS Generic DNP3 Minimum Level 3 | 3960c | 2003-0007 | DNP 3.0 / L2++ | *128 | *128 | *128 | 24 | *16 | *16 | *16 | *408 | | TFR | As Config. |
| 02-HAR-0001 | ACS Generic Harris 5000/5500/6000 | 6802 | 2003-0007 | Harris 5000 | *63 | *63 | *63 | 40 | *16 | *4 | *229 | | TFR | As Config. | |
| 02-L&G-0001 | ACS Generic L&G 8979 | 6860b | 2003-0007 | L&G8979 | *8 | *8 | *8 | 16 | *8 | *8 | *8 | *40 | | TFR | As Config. |
| 02-MOD-0001 | ACS Generic with DDMobus License | 3715 | 2003-0007 | Modbus RTU | * | * | * | 27 | * | * | * | * | | TFR | As Config. |
| 02-DNP-0005 | ACS NTU-7510 | 05-0032-0.10 | Pre-2152 | 2003-0007 | DNP 3.0 / L2++ | *36 | *32 | *0 | 24 | *32 | *1 | *92 | Cert. By ACS-V2003 | TFR-CER | As Config. |
| 02-DNP-0011 | ACS NTU-7530 | N/A | 2004-0001 | DNP 3.0 / L2++ | *36 | *32 | *0 | 24 | *32 | *1 | *92 | | Cert. By ACS-V2003 | TFR-CER | As Config. |
| 02-DNP-0006 | ACS NTU-7550 | | Pre-2152 | 2003-0007 | DNP 3.0 / L2++ | *16 | *16 | *0 | 24 | *16 | *0 | *56 | | TFR | As Config. |
| 02-DNP-0007 | ACS NTU-7575 | | Pre-2152 | 2003-0007 | DNP 3.0 / L2++ | *8 | *8 | *8 | 24 | *8 | *0 | *48 | | TFR | As Config. |
| 02-DNP-0004 | ACS NTU-7560 | 05-0032-0.10 | N/A | 2003-0007 | DNP 3.0 / L2++ | *16 | *16 | *0 | 24 | *16 | *0 | *56 | Cert. By ACS-V2003 | TFR-CER | As Config. |
| 02-DNP-0007 | ACS NTX-5/10/20 (use NTU-7575 profile for now) | | Pre-2152 | 2003-0007 | DNP 3.0 / L2++ | *24 | *16 | *8 | 24 | *24 | *0 | *72 | | TFR | As Config. |
| 02-DNP-0008 | ACS Taiwan 2-way 11kV | | TPC 3960c | 2006-0001-1a | DNP 3.0 / L2++ | 23 | 21 | 13 | 24 | 8 | 13 | 81 | | TFR | |
| 02-DNP-0009 | ACS Taiwan 4-way | | TPC 3960c | 2006-0001-1a | DNP 3.0 / L2++ | 23 | 28 | 13 | 24 | 8 | 13 | 88 | | TFR | |
| 02-DNP-0010 | ACS Taiwan ATS 22KV | | TPC 3960c | 2006-0001-1a | DNP 3.0 / L2++ | 23 | 21 | 13 | 24 | 8 | 13 | 81 | | TFR | |
| 02-L&N-0001 | ACS Generic L&N 2020 | 6860 | 2003-0007 | L&N 2020 | * | * | * | 8 | *24 | *2 | * | * | | TFR | As Config - Max 31 Blocks Max |
| 02-SNW-0001 | ACS Generic SCOMM Distribution (DTE) | 6860 | 2003-0007 | SCOMMD | *12 | *23 | *0 | 16 | *16 | *0 | *51 | | TFR | As Config. | |
| 02-DNP-0012 | ACS AC Analog Input Module, 075090 | N/A | 2005-0001-11 | DNP 3.0 / L1 | 23 | 20 | 16 | 24 | 4 | 26 | 83 | | TFR | | |
| 03-DNP-0001 | Ametek (Scientific Columbus) Jemstar Dig.Multifunct Elect.Meter | V08.02.06 | 6766 | 2003-0007 | DNP 3.0 / L2 | 53 | 39 | 11 | 24 | 0 | 0 | 127 | Certified By ACS-V2001 | TFR-CER | |
| No ACS Profile | APT Power Technology L-PRO 2100 Line Protection | V26a | No ACS Profile | No ACS Profile | DNP 3.0 / L2 | | | | 24 | | | | Certified by SUBNET-V2000 | CER | No ACS Profile |
| No ACS Profile | Areva/Alstom e-terracontrol Communications Gateway | 2.0.9 | No ACS Profile | No ACS Profile | DNP 3.0 / L2 | | | | | | | | Certified by SUBNET-V2000 | CER | No ACS Profile |
| 25-MOD-0001 | Areva/Alstom KITZ202/KCEG130 | Generic KCEG Profile Used. | 6860 | 2003-0007 | Modbus RTU | 9 | 0 | 0 | 27 | 0 | 0 | 36 | | TFR | |
| 25-MOD-0001 | Areva/Alstom KITZ202/142 | Generic KCEG Profile Used. | 6860 | 2003-0007 | Modbus RTU | 9 | 0 | 0 | 27 | 0 | 0 | 36 | | TFR | |
| 25-MOD-0001 | Areva/Alstom KITZ202/160 | Generic KCEG Profile Used. | 6860 | 2003-0007 | Modbus RTU | 9 | 0 | 0 | 27 | 0 | 0 | 36 | | TFR | |
| 25-DNP-0001 | Areva/Alstom MiCOM P141 Feeder Management Relay | 300J | N/A | 2007-0001-1e | DNP 3.0 / L2 | *89 | *306 | *8 | 24 | *80 | 0 | *427 | | TFR | As Config |
| 25-DNP-0002 | Areva/Alstom MiCOM P142 Feeder management Relay | 300J | N/A | 2007-0001-1e | DNP 3.0 / L2 | *89 | *338 | *14 | 24 | *84 | 0 | *549 | | TFR | As Config |
| 25-DNP-0003 | Areva/Alstom MiCOM P123 Overcurrent Relay | 6 & 10 | N/A | 2007-0001-1e | DNP 3.0 / L2 | *24 | *90 | *23 | 24 | *17 | 0 | *178 | | TFR | As Config |
| 25-DNP-0004 | Areva/Alstom MiCOM P441 Numerical Distance Prot. Relay | C2.7 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *58 | *336 | *14 | 24 | *19 | 0 | *432 | | TFR | As Config |
| 04-DNP-0001 | ARGA Control Power Meter | | Pre-2152 | 2003-0007 | DNP 3.0 / L1 | 6 | 0 | 0 | 24 | 0 | 0 | 30 | | TFR | |
| Use 9200/9100 | Arteche DM9000 Series Multifunction Meter | DNP3: V2.1; Database V3.15 | Use 9200/9100 | Use 9200/9100 | DNP 3.0 / L2 | | | | | | | | Certified by ACS-V2005-V2.5 | TFR-CER | |
| 31-DNP-0001 | Arteche DM9200/9S Power Meter with PQ Functions | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9200/9A(Bottom Connected)Power Meter with PQ Functions | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9200/16S Power Meter with PQ Functions | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9200/12S Power Meter with PQ Functions | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9200/TR Retrofit Model with PQ Functions | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9200/T Switchboard Model with PQ Functions | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9200/E Switchboard Model with PQ Functions, Withdra | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9100/9S Power Meter without PQ Functions | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9100/9A(Bottom Connected)Power Meter without PQ F | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9100/16S Power Meter without PQ Functions | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9100/12S Power Meter without PQ Functions | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9100/TR Retrofit Model without PQ Functions | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9100/T Switchboard Model without PQ Functions | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 31-DNP-0001 | Arteche DM9100/E Switchboard Model without PQ Functions, With | DNP3: V2.1; Database V3.15 | N/A | 2007-0001-2 | DNP 3.0 / L2 | *1821 | 0 | *2497 | 24 | 0 | 0 | *4342 | | TFR-CER | As Configured |
| 05-DNP-0001 | Basler BE1-851 Overcurrent Relay | V3.42.00 | 4883 | 2003-0007 | DNP 3.0 / L2 | 117 | 83 | 0 | 24 | 36 | 24 | 224 | Cert. By SUBNET V1.0 | TFR-CER | |
| 05-DNP-0002 | Basler BE1-951 Overcurrent Protection Relay | V1.50.02 | 4883 | 2003-0007 | DNP 3.0 / L2 | 185 | 110 | 0 | 24 | 36 | 34 | 319 | Cert. By SUBNET V1.0 | TFR-CER | |
| 05-DNP-0003 | Basler BE1-DFPR | Pre-2152 | 2003-0007 | DNP 3.0 / L2 | 26 | 35 | 0 | 24 | 8 | - | - | 85 | | TFR | |
| 05-DNP-0004 | Basler BE1-CDS Current Differential Relay ** | V1.14.08 | 6866 | 2004.0001 | DNP 3.0 / L2 | 217 | 120 | 0 | 24 | 63 | 32 | 361 | Certified by SUBNET-R1.0 | TFR-CER | |
| No ACS Profile | Basler BE1-GPS Generator Protection Relay | V1.01.01 | No ACS Profile | No ACS Profile | DNP 3.0 / L2 | | | | | | | | Certified by SUBNET-R1.0 | CER | No ACS Profile |

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| Profile P/N | IED Model | IED Firmware | V3.0 Rel. Build | Explorer Build | Protocol | Analog | Binary | Counters | Flags | Control | Setpoints | Total | Comments | Category | Config |
|-----------------------|---|----------------------------|-----------------------|-----------------------|--------------|--------|--------|----------|-------|---------|-----------|-------|----------------------------|----------|-----------------------------------|
| No ACS Profile | Basler BE1-MMS Multifunction Meter System | V1.01.02 | No ACS Profile | No ACS Profile | DNP 3.0 / L2 | | | | | | | | Certified by SUBNET-V2000 | CER | No ACS Profile |
| 06-DNP-0001 | Beckwith M2001A Tapchanger Control | | 6111 | 2003-0007 | DNP 3.0 / L1 | *91 | *28 | *0 | 24 | *24 | *43 | *143 | Cert. By ACS-V1.0 | TFR-CER | As Config. |
| 06-DNP-0002 | Beckwith M2001B | | 6111 | 2003-0007 | DNP 3.0 / L1 | *91 | *28 | *0 | 24 | *22 | *53 | *143 | | TFR | As Config. |
| 06-DNP-0003 | Beckwith M2001B Tap Changer Control ** | V.06.04 to V06.08 | 6866 | 2004-0001 | DNP 3.0 / L1 | *123 | *23 | *0 | 24 | *22 | *53 | *170 | | TFR | As Config. |
| 06-DNP-0004 | Beckwith M2001B Tap Changer Control ** | V.08.15 to V08.18 | 6866 | 2004-0001 | DNP 3.0 / L1 | *123 | *25 | *0 | 24 | *22 | *57 | *172 | | TFR | As Config. |
| 06-DNP-0005 | Beckwith M2001B Tap Changer Control ** | V.09.19 to V09.28 | 6866 | 2004-0001 | DNP 3.0 / L1 | *123 | *25 | *0 | 24 | *22 | *59 | *172 | | TFR | As Config. |
| 06-DNP-0006 | Beckwith M2001C Tap Changer Control ** | V.01.22 to V02.02 | 6866 | 2004-0001 | DNP 3.0 / L1 | *126 | *26 | *0 | 24 | *25 | *63 | *176 | | TFR | As Config. |
| 09-COP-0001 | Beckwith M2001 Regulator (Using Cooper CL4 Regulator Control Profile) | | Pre-2152 | 2003-0007 | Cooper 2179 | 39 | 32 | 56 | 8 | 6 | 40 | 135 | | TFR | |
| 06-COP-0001 | Beckwith M2001B LTC ** | | N/A | 2004-0002b | Cooper 2179 | 29 | 64 | 77 | 24 | 12 | 77 | 194 | | TFR | |
| 06-MOD-0001 | Beckwith M3420 IPS | | Pre-2152 | 2003-0007 | Modbus RTU | 31 | 115 | 1 | 27 | 0 | 0 | 174 | | TFR | Maximum Allowed |
| 07-DNP-0001 | Bitronics AIM 6x6 | | Pre-2152 | 2003-0007 | DNP 3.0 / L1 | *63 | *34 | *40 | 24 | *34 | *40 | *161 | | TFR | As Config. |
| 07-DNP-0002 | Bitronics MTWDE1B Power Monitor | | Pre-2152 | 2003-0007 | DNP 3.0 / L1 | 297 | 0 | 5 | 24 | 5 | 15 | 326 | | TFR | |
| 07-DNP-0003 | Bitronics MTWDE2B | | Pre-2152 | 2003-0007 | DNP 3.0 / L1 | 297 | 0 | 5 | 24 | 5 | 15 | 326 | | TFR | |
| 07-DNP-0004 | Bitronics MTWDN3B | | 3960 | 2003-0007 | DNP 3.0 / L1 | 297 | 0 | 5 | 24 | 5 | 15 | 326 | | TFR | |
| 07-DNP-0005 | Bitronics MTWIE1A Power Monitor | | Pre-2152 | 2003-0007 | DNP 3.0 / L1 | 21 | 0 | 4 | 24 | 1 | | 49 | | TFR | |
| 07-DNP-0006 | Bitronics MTWIE1B Power monitor | | Pre-2152 | 2003-0007 | DNP 3.0 / L1 | 59 | 0 | 5 | 24 | 1 | 15 | 88 | | TFR | |
| 07-DNP-0007 | Bitronics MTWIE2B Power monitor | | 6111 | 2003-0007 | DNP 3.0 / L1 | 59 | 0 | 5 | 24 | 1 | 15 | 88 | | TFR | |
| 07-MOD-0001 | Bitronics MultiComm RTH 2 1/2 or 3 El w/demand w/Harmonics | | 5160 | 2003-0007 | Modbus RTU | 191 | 16 | 17 | 27 | 0 | 0 | 351 | | TFR | |
| 07-MOD-0002 | Bitronics MultiComm RTH 2 1/2 or 3 El w/demand only | | 5160 | 2003-0007 | Modbus RTU | 50 | 16 | 17 | 27 | 0 | 0 | 110 | | TFR | |
| 07-MOD-0003 | Bitronics MultiComm RTH 2 El w/demand and Harmonics | | 5160 | 2003-0007 | Modbus RTU | 276 | 16 | 17 | 27 | 0 | 0 | 336 | | TFR | |
| 07-MOD-0004 | Bitronics MultiComm RTH 2 El w/demand only | | 5160 | 2003-0007 | Modbus RTU | 35 | 16 | 17 | 27 | 0 | 0 | 95 | | TFR | |
| 07-MOD-0005 | Bitronics PowerPlex MTWIN3 2 1/2 & 3 Element Power Meter | V4.20 | N/A | 2005-0001-11 | Modbus RTU | 26 | 16 | 12 | 30 | 1 | 4 | 84 | | TFR | |
| 08-MOD-0001 | Caterpillar SCM CCM A | | Pre-2152 | 2003-0007 | Modbus RTU | 16 | 160 | 4 | 35 | 11 | 0 | 215 | | TFR | |
| 08-MOD-0002 | Caterpillar SCM CCM B | | Pre-2152 | 2003-0007 | Modbus RTU | 16 | 160 | 4 | 35 | 11 | 0 | 215 | | TFR | |
| 09-COP-0001 | Cooper CL5 Regulator Control | | 5160 | 2003-0007 | Cooper 2179 | 44 | 32 | 62 | 8 | 8 | 46 | 146 | | TFR | |
| 09-COP-0002 | Cooper CL5 Regulator Control w/Event Log | | 3252 | 2003-0007 | Cooper 2179 | 44 | 32 | 105 | 8 | 24 | 46 | 189 | | TFR | |
| 09-COP-0003 | Cooper CL4 Regulator Control | | Pre-2152 | 2003-0007 | Cooper 2179 | 39 | 32 | 56 | 8 | 6 | 40 | 135 | | TFR | |
| No ACS Profile | Cooper CL4 Regulator Control | V2.12 | No ACS Profile | No ACS Profile | DNP3.0 / L2 | | | | | | | | Cert. By SUBNET-V2000 | CER | No ACS Profile |
| 09-DNP-0001 | Cooper CL5 Regulator Control | V2.12 | Pre-2152 | 2003-0007 | DNP3.0 / L2 | 46 | 42 | 15 | 24 | 9 | 0 | 127 | Cert. By SUBNET-V2000 | TFR-CER | |
| 09-DNP-0008 | Cooper CL6A Regulator Control | Proview 3.32 | N/A | 2005-0001-5 | DNP 3.0 / L2 | *121 | *87 | *39 | 24 | *163 | *342 | *271 | Cert. By SUBNET-V2003 | TFR-CER | As Config. |
| 09-COP-0004 | Cooper F4C Recloser Control | | Pre-2152 | 2003-0007 | Cooper 2179 | 11 | 96 | 87 | 8 | 52 | 71 | 202 | | TFR | |
| No ACS Profile | Cooper F4C Recloser Control | V2.12 | No ACS Profile | No ACS Profile | DNP3.0 / L2 | | | | | | | | Cert. By SUBNET-V2000 | CER | No ACS Profile |
| 09-COP-0005 | Cooper F4C Recloser Control w/Hot Tag | | Pre-2152 | 2003-0007 | Cooper 2179 | 11 | 96 | 95 | 8 | 62 | 79 | 210 | | TFR | |
| 09-COP-0008 | Cooper Form 5 Reclosure Control | | Pre-2152 | 2003-0007 | Cooper 2179 | 90 | 96 | 29 | 8 | 250 | 0 | 223 | | TFR | |
| 09-DNP-0003 | Cooper Form 5 Reclosure Control | DB-16 | 6803 | 2003-0007 | DNP 3.0 / L2 | *107 | *64 | *29 | 24 | *101 | *0 | *224 | | TFR | As Config. |
| 09-COP-0009 | Cooper Form 5 Reclosure Control w/Event Log | | 3252 | 2003-0007 | Cooper 2179 | 90 | 96 | 73 | 8 | 264 | 0 | 267 | | TFR | |
| 09-DNP-0004 | Cooper Form 5 Triple Single Reclosure Control ** | | 6111 | 2003-0007 | DNP 3.0 / L2 | *107 | *64 | *29 | 24 | *136 | *0 | *224 | | TFR | As Config. |
| 09-DNP-0005 | Cooper Form 6 Reclosure Control | Proview 4.0, CPS DNP R2.0 | 6803 | 2003-0007 | DNP 3.0 / L2 | *25 | *60 | *6 | 24 | *52 | *0 | *115 | Cert. By SUBNET-V2002 | TFR-CER | As Config. |
| 09-DNP-0006 | Cooper iDP-210 Feeder Protection & Control Relay | Proview 3.2 | 6803 | 2003-0007 | DNP 3.0 / L2 | *30 | *54 | *2 | 24 | *28 | *0 | *110 | | TFR | As Config. |
| | Generic Level 1 | | | 2003-0007 | DNP 3.0 | * | * | * | | * | * | | As configured | | |
| 09-DNP-0007 | Cooper Form 6 Triple Single Reclosure Control | Proview 4.02, CPS DNP R1.0 | N/A | 2004-003e | DNP 3.0 / L2 | *25 | *73 | *9 | 24 | *40 | 0 | *131 | Cert. By SUBNET-V2003, 2.4 | TFR | As Config. |
| 09-SNW-0001 | Cooper Form 6 Triple Single Reclosure Control | Proview 4.01 | N/A | 2007-0001-1d | SCOMMD | *31 | *61 | *9 | 16 | *54 | 0 | *117 | | TFR | As Config. |
| 09-DNP-0006 | Cooper iDP-210 Feeder Protection & Control Relay | Proview 3.2 | 6803 | 2003-0007 | DNP 3.0 / L2 | *30 | *54 | *2 | 24 | *28 | 0 | *110 | | TFR | As Config. |
| 09-DNP-0009 | Cooper iXP-420 Transformer Protection Relay Control | Proview 3.32 | N/A | 2005-0001-5 | DNP 3.0 / L2 | *33 | *52 | *1 | 24 | *26 | 0 | *110 | | TFR | As Config. |
| No ACS Profile | Cooper Romtec - 97169 Protocol Converter | V2.12 | No ACS Profile | No ACS Profile | DNP 3.0 / L2 | | | | | | | | Cert. By SUBNET-V2000 | CER | No ACS Profile |
| No ACS Profile | Dynatrol Systems DS-32 Data Concentrator | M02 Version 4 | No ACS Profile | No ACS Profile | DNP 3.0 / L2 | | | | | | | | Cert. By SUBNET-V2003 | CER | No ACS Profile |
| 10-DNP-0001 | Electro Industries/Guagetech DMMS 300 | | 6111 | 2003-0007 | DNP 3.0 / L1 | 42 | 0 | 4 | 24 | 1 | 0 | 70 | | TFR | As Config. |
| 10-DNP-0002 | Electro Industries/Guagetech Futura + Series CPU1000 | | Pre-2152 | 2003-0007 | DNP 3.0 / L1 | 32 | 4 | 4 | 24 | 5 | 0 | 64 | | TFR | |
| 10-DNP-0003 | Electro Industries/Guagetech NEXUS 1250 Power Monitor | V0190 | 6111 | 2003-0007 | DNP 3.0 / L1 | *2097 | *488 | *866 | 24 | *136 | 0 | *3475 | Certified by ACS-V2000 | TFR-CER | As Config. Level I only Supported |
| 10-DNP-0004 | Electro Industries/Guagetech NEXUS 1260/1270 Power Monitor | V0190 | 6111 | 2003-0007 | DNP 3.0 / L1 | *2097 | *488 | *866 | 24 | *136 | 0 | *3475 | Certified by ACS-V2000 | TFR | As Config. Level I only Supported |
| 10-DNP-0005 | Electro Industries/Guagetech NEXUS 1252 Power Monitor | 604 | 6860d | 2003-0007 | DNP 3.0 / L2 | *2097 | *488 | *866 | 24 | *136 | 0 | *3475 | Certified by ACS-V2002 | TFR-CER | As Config. |
| 10-DNP-0006 | Electro Industries/Guagetech NEXUS 1262 Power Monitor | 604 | 6860d | 2003-0007 | DNP 3.0 / L2 | *2097 | *488 | *866 | 24 | *136 | 0 | *3475 | Certified by ACS-V2002 | TFR-CER | As Config. |
| 10-DNP-0007 | Electro Industries/Guagetech NEXUS 1272 Power Monitor | 604 | 6860d | 2003-0007 | DNP 3.0 / L2 | *2097 | *488 | *866 | 24 | *136 | 0 | *3475 | Certified by ACS-V2002 | TFR-CER | As Config. |
| 10-DNP-0008 | Electro Industries/Guagetech NEXUS 1250 Power Monitor | 604 | 6860d | 2003-0007 | DNP 3.0 / L2 | *2097 | *488 | *866 | 24 | *136 | 0 | *3475 | Certified by ACS-V2002 | TFR-CER | As Config. |
| 10-DNP-0009 | Electro Industries/Guagetech NEXUS 1260 Power Monitor | 604 | 6860d | 2003-0007 | DNP 3.0 / L2 | *2097 | *488 | *866 | 24 | *136 | 0 | *3475 | Certified by ACS-V2002 | TFR-CER | As Config. |
| 10-DNP-0010 | Electro Industries/Guagetech NEXUS 1270 Power Monitor | 604 | 6860d | 2003-0007 | DNP 3.0 / L2 | *2097 | *488 | *866 | 24 | *136 | 0 | *3475 | Certified by ACS-V2002 | TFR-CER | As Config. |
| 10-DNP-0011 | Electro Industries/Guagetech DMMS 425 Power Monitor | V1.4 | N/A | 2005-0001-11 | DNP 3.0 / L1 | 42 | 0 | 4 | 24 | 1 | 0 | 70 | | TFR | |
| 10-DNP-0012 | Electro Industries/Guagetech Shark 100 Multifunction Power Monitor | V2.0 | N/A | 2005-0001-11 | DNP 3.0 / L1 | 33 | 0 | 5 | 24 | 2 | 0 | 62 | | TFR | |
| 11-DNP-0001 | EnergyLine Systems 5801 Switch Controller | V2.22 | Pre-2152 | 2003-0007 | DNP 3.0 / L1 | 26 | 28 | 1 | 24 | 13 | 3 | 79 | Cert. By ACS-V2000 | TFR-CER | 580 Series Control Platform Cert. |

**ADVANCED CONTROL SYSTEMS, INC.
NTU-7500 Series IED Profile List**

REV. Date: Sept. 17, 2007

NOTICE: ACS has developed the various vendor device profiles based on information supplied by the vendor at the time of profiling for specific IED firmware versions. In the event a device profile is changed by the vendor from the original implementation, the customer will be responsible for notifying ACS of any changes uncovered and for coordinating with the IED Vendor to contact ACS for profile revisions and/or re-certification. ACS will use whatever measures available to assist the ACS customer in working with the vendor. Either the ACS customer or the Vendor must cover the cost for any additional Profile work not at the fault of ACS. Any errors or omissions in the profile at the fault of ACS will be corrected as quickly as possible at no additional charge.

| Profile P/N | IED Model | IED Firmware | V3.0 Rel. Build | Explorer Build | Protocol | Analog | Binary | Counters | Flags | Control | Setpoints | Total | Comments | Category | Config |
|-----------------------|---|------------------|-----------------------|-----------------------|----------------|--------|--------|----------|-------|---------|-----------|---------|--------------------------|----------|---------------------------------|
| 12-MOD-0001 | Fisher Controls Fisher ROC | | Pre-2152 | 2003-0007 | Modbus RTU | 35 | 7 | 0 | 27 | 0 | 0 | 69 | | TFR | |
| No ACS Profile | GE SM3 Step Voltage Regulator | | No ACS Profile | No ACS Profile | DNP3.0 / L2 | | | | | | | | Cert. By ACS-V2000 | CER | No ACS Profile |
| 13-DNP-0002 | GE/Harris D-20ME Processor Module | V920 | 6786 | 2003-0007 | DNP 3.0 / L2++ | *128 | *128 | *128 | 24 | *16 | *16 | *408 | Cert. By SUBNET-V2001 | TFR-CER | As Config. |
| 13-DNP-0003 | GE/Harris Dart | | 6786 | 2003-0007 | DNP 3.0 / L2++ | *16 | *16 | *16 | 24 | *16 | *16 | *72 | | TFR | As Config. |
| 13-MOD-0001 | GE/Multilin PQM | | Pre-2152 | 2003-0007 | Modbus RTU | 29 | 0 | 16 | 27 | 0 | 0 | 72 | | TFR | As Config. |
| 13-DNP-0009 | GE/Multilin PQM ** | | 6866 | 2004.0001 | DNP 3.0 / L2 | 164 | 83 | - | 24 | 28 | 0 | 271 | | TFR | |
| 13-DNP-0004 | GE/Multilin SR 745 | | Pre-2152 | 2003-0007 | DNP 3.0 / L2 | *73 | *29 | *0 | 24 | *17 | *0 | *126 | | TFR | As Config. |
| 13-MOD-0002 | GE/Multilin SR 745 | | 5160 | 2003-0007 | Modbus RTU | 120 | 107 | 119 | 27 | 0 | 0 | 373 | | TFR | |
| 13-DNP-0005 | GE/Multilin SR 750/760 | | Pre-2152 | 2003-0007 | DNP 3.0 / L2 | *169 | *44 | *0 | 24 | *24 | *0 | *237 | | TFR | As Config. |
| 13-DNP-0006 | GE/Multilin SR 750/760 w/Map | | Pre-2152 | 2003-0007 | DNP 3.0 / L2 | *289 | *44 | *0 | 24 | *24 | *0 | *357 | | TFR | As Config. |
| Use UR Model | GE/Multilin Universal Relay Family | V2.80 | Use UR Model | Use UR Model | DNP 3.0 / L2 | | | | | | | | Cert. By ACS-V2000 | TFR-CER | UR Series Individually Profiled |
| 13-DNP-0007 | GE/Multilin UR Series B30 Bus Differential Relay | V2.91 | 6111 | 2003-0007 | DNP 3.0 / L2 | *340 | *927 | *10 | 24 | *32 | 0 | *1301 | | TFR | |
| 13-DNP-0008 | GE/Multilin UR Series L90 Line Differential Relay | V2.91 | 6111 | 2003-0007 | DNP 3.0 / L2 | *195 | *927 | *10 | 24 | *32 | 0 | *1156 | | TFR | |
| 13-DNP-0009 | GE/Multilin UR Series F60 Feeder Management Relay | V5.20 | N/A | 2006-0001-2a | DNP 3.0 / L2 | *562 | *928 | *10 | 24 | *64 | 0 | *1524 | | TFR | As Config. |
| No ACS Profile | Hathaway RIG Remote Interface Gateway | V2.12B | No ACS Profile | No ACS Profile | DNP 3.0 / L2 | | | | | | | | Cert. By SUBNET-V2001 | CER | No ACS Profile |
| 27-DNP-0001 | Hsiang Cheng R2+ Remote Terminal Unit (PRTU) | RC-414A | TPC 4920 | 2006-0001-1a | DNP 3.0 / L2 | 276 | 230 | 0 | 24 | 46 | 0 | 530 | | TFR | |
| 27-DNP-0002 | Hsiang Cheng 4-Way Feeder Terminal Unit (FTU) | V2.0 | TPC 4920b | 2006-0001-1a | DNP 3.0 / L2 | 23 | 33 | 15 | 24 | 12 | 15 | 95 | | TFR | |
| 27-DNP-0003 | Hsiang Cheng 2-Way Feeder Terminal Unit (FTU) | V2.0 | TPC 4920b | 2006-0001-1a | DNP 3.0 / L2 | 23 | 24 | 15 | 24 | 5 | 15 | 86 | | TFR | |
| 14-DNP-0001 | Inductive Components Mft. Inc. (ICMI) UVR-1 Volt. Regulator | V231.00 | 6766 | 2003-0007 | DNP 3.0 / L2 | *177 | *34 | 0 | 24 | *23 | 0 | *235 | Cert. By ACS-V2001 | TFR-CER | As Config. |
| 28-DNP-0001 | Landis & Gyr MAXsys2510, firmware set 2753, V2.7 | V016R07 | N/A | 2004-0003e | DNP 3.0 / L1 | *10 | *27 | *71 | 24 | *97 | *0 | *132 | Cert. By SUBNET - V2002 | TFR-CER | As Config. |
| 30-DNP-0001 | NOJA RC OSM Recloser Control | S02.03.04.5271 | N/A | 2007-0001-1a | DNP 3.0 / L2 | *55 | *133 | *32 | 24 | *57 | *0 | *244 | | TFR | As Config. |
| 15-DNP-0001 | NuLec Automatic Circuit Recloser CAPM2 | V.9.xx.bg.bc | Pre-2152 | 2003-0007 | DNP 3.0 / L2 | *22 | *47 | *0 | 24 | *23 | *0 | *73 | Cert. By ACS-V1.0 | TFR-CER | As Config. |
| 15-DNP-0002 | Nulec Automatic Circuit Recloser CAPM4 | V25 | Pre-2152 | 2003-0007 | DNP 3.0 / L2 | * | * | * | 24 | * | * | Use 4/5 | Cert. By ACS-V1.0 | TFR-CER | Use CAPM 4/CAPM5 profile below |
| 15-DNP-0003 | Nulec Ckt Bkr Controller CAPM4/CAPM5 | V526-05-00 | 6111 | 2003-0007 | DNP 3.0 / L2 | *70 | *131 | *5 | 24 | *52 | *1 | *230 | Cert. By ACS-V2000 | TFR-CER | As Config. |
| 15-DNP-0004 | NuLec N Series Reclm CAPM2 | V.9 xx bg ba | Pre-2152 | 2003-0007 | DNP 3.0 / L2 | *22 | *47 | *0 | 24 | *14 | *0 | *93 | Cert. By ACS-V1.0 | TFR-CER | As Config. |
| 16-MOD-0001 | PML 3300ACM | | 3960a | 2003-0007 | Modbus RTU | 20 | 0 | 12 | 27 | 0 | 0 | 59 | | TFR | |
| 16-MOD-0002 | PML 3710ACM 3WY Mode | | Pre-2152 | 2003-0007 | Modbus RTU | 29 | 32 | 15 | 27 | 10 | 73 | 103 | | TFR | |
| 16-MOD-0003 | PML 3710ACM 4WY Mode | | Pre-2152 | 2003-0007 | Modbus RTU | 29 | 32 | 15 | 27 | 10 | 73 | 103 | | TFR | |
| 16-MOD-0004 | PML 3710ACM Delta Mode | | Pre-2152 | 2003-0007 | Modbus RTU | 17 | 32 | 15 | 27 | 10 | 73 | 91 | | TFR | |
| 16-MOD-0005 | PML 3710ACM Single Phase | | Pre-2152 | 2003-0007 | Modbus RTU | 22 | 32 | 15 | 27 | 10 | 73 | 96 | | TFR | |
| 16-MOD-0006 | PML 3720ACM | | Pre-2152 | 2003-0007 | Modbus RTU | 33 | 34 | 21 | 27 | 10 | 73 | 115 | | TFR | |
| 16-DNP-0001 | PML 7330 ION | | 6861 | 2004-0001 | DNP 3.0 / L1 | *35 | *4 | *9 | 24 | *0 | *0 | *72 | | TFR | As Config. |
| 16-DNP-0002 | PML 7350 ION | | 6861 | 2004-0001 | DNP 3.0 / L1 | *35 | *4 | *9 | 24 | *0 | *0 | *72 | | TFR | As Config. |
| 16-DNP-0003 | PML 7500 ION | | 6861 | 2004-0001 | DNP 3.0 / L1 | *35 | *4 | *9 | 24 | *0 | *0 | *72 | | TFR | As Config. |
| 16-DNP-0004 | PML 7600 ION | | 6861 | 2004-0001 | DNP 3.0 / L1 | *35 | *4 | *9 | 24 | *0 | *0 | *72 | | TFR | As Config. |
| 16-DNP-0005 | PML 7700 ION | | Pre-2152 | 2003-0007 | DNP 3.0 / L1 | *35 | *4 | *9 | 24 | *0 | *0 | *72 | | TFR | As Config. |
| 16-DNP-0006 | PML 8300 ION | | 6861 | 2004-0001 | DNP 3.0 / L1 | *35 | *4 | *9 | 24 | *0 | *0 | *72 | | TFR | As Config. |
| 16-DNP-0007 | PML 8400 ION | | 6861 | 2004-0001 | DNP 3.0 / L1 | *35 | *4 | *9 | 24 | *0 | *0 | *72 | | TFR | As Config. |
| 16-DNP-0008 | PML 8500 ION | | 6861 | 2004-0001 | DNP 3.0 / L1 | *35 | *4 | *9 | 24 | *0 | *0 | *72 | | TFR | As Config. |
| 16-PML-0001 | PML 3710ACM (DTE) | | 6860 | 2003-0007 | PML | *35 | *4 | *9 | 8 | *0 | *0 | *56 | | TFR | As Config. |
| 02-DNP-0002 | PowerCom Technologies SA-2500 Remote Terminal Unit | | 3960c | 2003-0007 | DNP 3.0 / L2 | * | * | * | 24 | * | * | * | Cert. By SUBNET-V2002 | CER | As Config. ACS Generic DNP3 L2 |
| 02-DNP-0002 | QEI 6CPP6 DNP3 Server RTU | | 3960c | 2003-0007 | DNP 3.0 / L2 | * | * | * | 24 | * | * | * | Cert. By SUBNET-V2.4 | CER | As Config. ACS Generic DNP3 L-2 |
| 29-DNP-0001 | Qualitrol Model 509 Transformer Monitor | V1.10 | N/A | 2006-0001-2a | DNP 3.0 / L1 | 69 | 18 | 5 | 24 | 17 | 16 | 116 | Cert. By SUBNET-V2000 | CER | |
| 02-DNP-0002 | Reliatronics RTU-2000 Remote Terminal Unit | Dnp3_20/F2000_14 | 3960c | 2003-0007 | DNP 3.0 / L2 | * | * | * | 24 | * | * | * | Cert. by RELtronix-V2001 | CER | As Config. ACS Generic DNP3 L2 |
| 24-IEC-0001 | Rolls-Royce DCD414B | | 6111 | 2003-0007 | IEC 870-5-103 | *1 | *90 | *54 | 8 | *0 | *0 | *153 | | TFR | As Config. |
| 17-DNP-0001 | SATEC PM-171E Power Meter (Basic data registers only) | V4.86B | N/A | 2005-0001-11 | DNP 3.0 / L1 | 43 | 49 | 4 | 24 | 2 | - | 120 | | TFR | |
| 17-DNP-0002 | SATEC PM-172E Power Meter (Basic data registers only) | V4.86B | 6803 | 2003-0007 | DNP 3.0 / L1 | 43 | 49 | 4 | 24 | 2 | - | 120 | | TFR | |
| 17-DNP-0003 | SATEC PM-130E Power Meter (Basic data registers only) | V4.86B | N/A | 2005-0001-11 | DNP 3.0 / L1 | 43 | 48 | 4 | 24 | 12 | 7 | 119 | | TFR | |
| No ACS Profile | SATEC RPT-091 Remote Power Transducer | V1.32 | No ACS Profile | No ACS Profile | DNP 3.0 / L1 | | | | | | | | Cert. by RELtronix-V1.0 | CER | No ACS Profile |
| No ACS Profile | SATEC PM296/RPM096 Series Power Transducer | V2.36 | No ACS Profile | No ACS Profile | DNP 3.0 / L1 | | | | | | | | Cert. By SUBNET-V2.3 | CER | No ACS Profile |
| 02-DNP-0002 | Schlumberger/SEMA Quantum Q1000 Power Meter | N/A | 3960c | 2003-0007 | DNP 3.0 / L2 | * | * | * | 24 | * | * | * | Certified by SUBNET-V1.0 | TFR-CER | As Config. ACS Generic DNP3 L-2 |
| 18-QDP-0001 | Schlumberger Quantum Q200/Q300 | | 3252 | 2003-0007 | QDIP | 9 | 8 | 2 | 1 | - | - | 20 | | TFR | W/070246 or 075036 Legacy G/W |
| 19-SCC-0001 | Scientific Columbus JEM 1 | | 3960b | 2003-0007 | Scie.Column | *65 | *0 | *0 | 8 | *0 | *0 | *73 | | TFR | As Config. |
| 19-SCC-0002 | Scientific Columbus TranTalker | | 3960b | 2003-0007 | Scie.Column | *8 | *0 | *0 | 8 | *0 | *0 | *16 | | TFR | As Config. |
| No ACS Profile | Second Wind Phaser Power Transducer | | No ACS Profile | No ACS Profile | DNP 3.0 / L2 | | | | | | | | Cert. By ACS-V1.0 | TFR-CER | No ACS Profile |
| 02-DNP-0002 | SEL 2020 | | 3960c | 2003-0007 | DNP 3.0 / L2 | * | * | * | 24 | * | * | * | | TFR | As Config. ACS Generic DNP3 L-2 |
| 21-MOD-0001 | SEL 2020 | | Pre-2152 | 2003-0007 | Modbus RTU | *0 | *16 | *0 | 25 | *104 | *0 | *41 | | TFR | As Config. |
| 02-DNP-0002 | SEL 2030 | | 3960c | 2003-0007 | DNP 3.0 / L2 | * | * | * | 24 | * | * | * | | TFR | As Config. ACS Generic DNP3 L-2 |
| 21-MOD-0002 | SEL 2030 | | Pre-2152 | 2003-0007 | Modbus RTU | *0 | *16 | *0 | 25 | *104 | *0 | *41 | | TFR | As Config. |

**ADVANCED CONTROL SYSTEMS, INC.
NTU-7500 Series IED Profile List**

REV. Date: Sept. 17, 2007

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| Profile P/N | IED Model | IED Firmware | V3.0 Rel. Build | Explorer Build | Protocol | Analog | Binary | Counters | Flags | Control | Setpoints | Total | Comments | Category | Config |
|-----------------------|---|---------------------|-----------------------|-----------------------|--------------|--------|--------|----------|-------|---------|-----------|-------|-----------------------|--------------------|--|
| 21-MOD-0003 | SEL 221F via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 46 | 113 | 62 | 33 | 104 | 1 | 254 | | TFR | |
| 21-MOD-0004 | SEL 221G via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 44 | 113 | 62 | 33 | 104 | 1 | 252 | | TFR | |
| 21-MOD-0005 | SEL 251 via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 78 | 273 | 62 | 33 | 104 | 1 | 446 | | TFR | |
| 21-MOD-0006 | SEL 267 (ASCII) via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 40 | 209 | 50 | 33 | 104 | 1 | 332 | | TFR | |
| 21-MOD-0007 | SEL 279 (ASCII) via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 23 | 64 | 1 | 33 | 104 | 0 | 121 | | TFR | |
| 21-MOD-0008 | SEL 321 11 via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 44 | 569 | 62 | 33 | 104 | 1 | 708 | | TFR | |
| 21-MOD-0009 | SEL 321 12 via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 44 | 601 | 62 | 33 | 104 | 1 | 740 | | TFR | |
| 21-DNP-0001 | SEL 351 | | Pre-2152 | 2003-0007 | DNP 3.0 / L2 | *114 | *1025 | *3 | 24 | *21 | *1 | *1166 | | TFR | As Config. |
| 21-MOD-0010 | SEL 351 via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 74 | 529 | 98 | 33 | 104 | 1 | 734 | | TFR | |
| 21-DNP-0002 | SEL 351R | | Pre-2152 | 2003-0007 | DNP 3.0 / L2 | *114 | *1025 | *3 | 24 | *21 | *1 | *1166 | | TFR | As Config. |
| 21-DNP-0003 | SEL 351S | | Pre-2152 | 2003-0007 | DNP 3.0 / L2 | *114 | *1024 | *3 | 24 | *42 | *1 | *1165 | | TFR | As Config. |
| 21-DNP-0004 | SEL 387 Differential Relay, Overcurrent Relay, Data Recorder ** | SEL 387-5/387-6-xxx | 6865 | 2004-0001 | DNP 3.0 / L2 | *219 | *1621 | *9 | 24 | *70 | *1 | *1873 | Cert. By SUBNET-V1.0 | TFR-CER | As Config. |
| 21-MOD-0011 | SEL 387 via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 87 | 709 | 42 | 33 | 104 | 1 | 871 | | TFR | |
| No ACS Profile | SEL 421 Protection Automation Control | N/A | No ACS Profile | No ACS Profile | DNP 3.0 / L2 | | | | | | | | Cert. By SUBNET-V2000 | CER | No ACS Profile |
| 21-MOD-0012 | SEL 501 via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 62 | 261 | 22 | 32 | 104 | 1 | 377 | | TFR | |
| 21-MOD-0013 | SEL 501(ASCII) via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 36 | 261 | 22 | 32 | 104 | 1 | 351 | | TFR | |
| 21-MOD-0015 | SEL 551 Native direct via Modbus RTU | N/A | 6803 | 2003-0007 | Modbus RTU | 24 | 127 | 18 | 31 | 21 | 6 | 200 | | TFR | |
| 21-MOD-0016 | SEL 551 via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 14 | 293 | 62 | 31 | 104 | 1 | 400 | | TFR | |
| 21-MOD-0017 | SEL 587 Native direct via Modbus RTU | N/A | 6803 | 2003-0007 | Modbus RTU | 70 | 110 | 106 | 33 | 13 | 6 | 319 | | TFR | |
| 21-MOD-0018 | SEL 587 via SEL 2020/2030 | | Pre-2152 | 2003-0007 | Modbus RTU | 46 | 293 | 22 | 53 | 104 | 1 | 414 | | TFR | |
| No ACS Profile | SEL 621R Production Automation Control | R102 | No ACS Profile | No ACS Profile | DNP 3.0 / L2 | | | | | | | | Cert. By SUBNET-R2002 | CER | No ACS Profile |
| 21-DNP-0005 | SEL 651R Reclosure Control | N/A | N/A | 2006-0001-2a | DNP 3.0 / L2 | *531 | *1645 | *27 | 24 | *153 | *1 | *2227 | | TFR | As Config. |
| 02-DNP-0002 | Siemens AG / TG5700 Remote Terminal Unit | V1016996003.50B | 3960c | 2003-0007 | DNP 3.0 / L2 | * | * | * | 24 | * | * | * | Cert. By SUBNET-R2002 | CER | As Config ACS Generic DNP3 L-2 |
| 22-DNP-0001 | Siemens Centurion MJ-R Recloser | | 6111 | 2003-0007 | DNP 3.0 / L2 | 70 | 100 | 1 | 24 | 35 | 1 | 171 | | TFR | |
| 22-MJ3-0001 | Siemens MJ3A/GE SM2A | | Pre-2152 | 2003-0007 | MJ 3 ASCII | *10 | *0 | *0 | 8 | *0 | *0 | *18 | | TFR | |
| 22-DNP-0002 | Siemens MJ-X | | Pre-2152 | 2003-0007 | DNP 3.0 / L2 | 236 | 15 | 0 | 24 | 0 | 87 | 275 | | TFR | |
| 22-DNP-0003 | Siemens MJ-X/CM1.30 | CM1.30 | 3960 | 2003-0007 | DNP 3.0 / L2 | 253 | 15 | 0 | 24 | 3 | 100 | 292 | | TFR | |
| 22-DNP-0004 | Siemens MJ-X/CM2.04 | CM2.04 | 6811 | 2003-0007 | DNP 3.0 / L2 | 27 | 9 | 0 | 24 | 4 | 25 | 60 | | TFR | |
| 22-DNP-0005 | Siemens SIPROTEC 7SJ62 Multifunction Protection with Control | V643, R2.7 | N/A | 2005-0001-11 | DNP 3.0 / L2 | 83* | 333* | 6* | 24 | 73* | 0 | 519 | | TFR | As Config. |
| 22-DNP-0006 | Siemens SIPROTEC 7SJ63 Multifunction Protection with Control | V643, R2.7 | N/A | 2005-0001-11 | DNP 3.0 / L2 | 83* | 333* | 6* | 24 | 73* | 0 | 519 | | TFR | As Config. |
| No ACS Profile | Siemens SIPROTEC 7SJ61/64/65 Prot.Relay | V4.02.01 | No ACS Profile | No ACS Profile | DNP 3.0 / L2 | | | | | | | | Cert. By SUBNET 2004 | CER | |
| 22-MOD-0001 | Siemens Static Trip III via DTU3005B | | 3960a | 2003-0007 | Modbus RTU | 18 | 48 | 2 | 28 | 0 | 0 | 96 | | TFR | |
| 23-MOD-0001 | SQ-D/Telemecanique PLC - Anaheim Lewis Config 2 | | Pre-2152 | 2003-0007 | Modbus RTU | 44 | 492 | 0 | 28 | 81 | 0 | 564 | | TFR | |
| 23-MOD-0002 | SQ-D/Telemecanique PLC - Anaheim Lewis Config 3 | | Pre-2152 | 2003-0007 | Modbus RTU | 40 | 420 | 0 | 50 | 81 | 0 | 510 | | TFR | |
| 23-MOD-0003 | SQ-D/Telemecanique PLC - Anaheim SOE Test | | Pre-2152 | 2003-0007 | Modbus RTU | 8 | 244 | 0 | 28 | 25 | 0 | 280 | | TFR | |
| 23-MOD-0004 | SQ-D/Telemecanique PLC - Anaheim SOE Test Plus | | Pre-2152 | 2003-0007 | Modbus RTU | 8 | 244 | 0 | 28 | 25 | 0 | 280 | | TFR | |
| 26-DNP-0001 | Weschler Instruments Advantage Wind. and LTC Thermal Monitor** | G8T0200004 | 6866 | 2003-0007 | DNP 3.0 / L1 | 18 | 12 | 0 | 24 | 44 | 22 | 54 | Cert. By ACS - V2002 | TFR-CER | |
| No ACS Profile | ZIV 71RD-S1N-124B39KAB Prot. Relay | | No ACS Profile | No ACS Profile | DNP 3.0 / L2 | | | | | | | | Cert. By ACS-V1.0 | CER | No ACS Profile |
| | Notes: | | | | | | | | | | | | | Categories: | CER CERified DNP 3.0 |
| | (*) Indicated the device has a programmable number of points. Quantity indicates defined profile total. | | | | | | | | | | | | | | TIP Testing In Progress |
| | ** Device not supported in the NTU-7550 Model | | | | | | | | | | | | | | IFT Initially Failed in Test |
| | N/A Device not supported in the respective NTU Configure or Explorer | | | | | | | | | | | | | | TFR Tested For Operability with ACS |
| Vendor Code | Vendor | | | | | | | | | | | | | | |
| 01 | ABB | | | | | | | | | | | | | | |
| 02 | ACS | | | | | | | | | | | | | | |
| 03 | Ametek | | | | | | | | | | | | | | |
| 04 | ARCA | | | | | | | | | | | | | | |
| 05 | Basler | | | | | | | | | | | | | | |
| 06 | Beckwith | | | | | | | | | | | | | | |
| 07 | Bitronics | | | | | | | | | | | | | | |
| 08 | Caterpillar | | | | | | | | | | | | | | |
| 09 | Cooper | | | | | | | | | | | | | | |
| 10 | Electro Industries | | | | | | | | | | | | | | |
| 11 | EnergyLine | | | | | | | | | | | | | | |
| 12 | Fisher | | | | | | | | | | | | | | |
| 13 | GE | | | | | | | | | | | | | | |
| 14 | ICMI | | | | | | | | | | | | | | |
| 15 | Nulec | | | | | | | | | | | | | | |

**ADVANCED CONTROL SYSTEMS, INC.
NTU-7500 Series IED Profile List**

REV. Date: Sept. 17, 2007

NOTICE: ACS has developed the various vendor device profiles based on information supplied by the vendor at the time of profiling for specific IED firmware versions. In the event a device profile is changed by the vendor from the original implementation, the customer will be responsible for notifying ACS of any changes uncovered and for coordinating with the IED Vendor to contact ACS for profile revisions and/or re-certification. ACS will use whatever measures available to assist the ACS customer in working with the vendor. Either the ACS customer or the Vendor must cover the cost for any additional Profile work not at the fault of ACS. Any errors or omissions in the profile at the fault of ACS will be corrected as quickly as possible at no additional charge.

| Profile P/N | IED Model | IED Firmware | V3.0 Rel. Build | Explorer Build | Protocol | Analog | Binary | Counters | Flags | Control | Setpoints | Total | Comments | Category | Config |
|-------------|---------------------------------|--------------|-----------------|----------------|----------|--------|--------|----------|-------|---------|-----------|-------|----------|----------|--------|
| 16 | PML | | | | | | | | | | | | | | |
| 17 | Satec | | | | | | | | | | | | | | |
| 18 | Schlumberger | | | | | | | | | | | | | | |
| 19 | Scientific Columbus | | | | | | | | | | | | | | |
| 20 | Second Wind | | | | | | | | | | | | | | |
| 21 | Schweitzer | | | | | | | | | | | | | | |
| 22 | Siemens | | | | | | | | | | | | | | |
| 23 | Square-D | | | | | | | | | | | | | | |
| 24 | Rolls-Royce | | | | | | | | | | | | | | |
| 25 | Alstom/Areva | | | | | | | | | | | | | | |
| 26 | Weschler Instruments | | | | | | | | | | | | | | |
| 27 | Hsiang Cheng Electric Corp (HC) | | | | | | | | | | | | | | |
| 28 | Landis & Gyr | | | | | | | | | | | | | | |
| 29 | Qualitrol | | | | | | | | | | | | | | |
| 30 | NOJA Power | | | | | | | | | | | | | | |
| 31 | Arteche | | | | | | | | | | | | | | |