

Flash Version	Features	Hardware Required	Initial Release
8.4.0	Initial manufacturing release	ASSY-Falcon_cf-001-C	3/2/2010
8.4.1	Correct BCM Alarm Reset Button	ASSY-Falcon_cf-001-C	3/11/2010
8.4.2	Correct application reboot after .cfg upload	ASSY-Falcon_cf-001-C	3/19/2010
8.4.3	Added analog alarm levels and UOM to G628 modbus registers. Added xfg tftp up/down load. Added xfg mime download. Improved snmp based on uPenn feedback. Added schedule operation for overlapping days.	ASSY-Falcon_cf-001-C	4/6/2010
8.4.4	Changed alarm & data log screens/links. Added .csv downloads for all modbus data logs.	ASSY-Falcon_cf-001-C	4/26/2010
8.4.5	Corrected BCM CB cfg links. Changed test email from 4 to 8 recipients Corrected syslog checkboxes on snmp v3 cfg page	ASSY-Falcon_cf-001-C	5/10/2010
8.4.6	Changed snmp write request with read-only community to return a noAccess error code.	ASSY-Falcon_cf-001-C	5/11/2010
8.4.7	Added HTTP Mime cfg/bin file upload. Masked ESMTP password with ****	ASSY-Falcon_cf-001-C	5/12/2010
8.4.8	Corrected web user log. Added bacnet device objects. Corrected bacnet alternate udp port.	ASSY-Falcon_cf-001-C	6/7/2010
8.4.9	Modified tftp server for missing "block size" (command prompt tftp client)	ASSY-Falcon_cf-001-C	6/8/2010
8.4.10	Activated "web title bar text" option	ASSY-Falcon_cf-001-C	6/9/2010
8.4.11	Asserted /rts pin during modem initialization	ASSY-Falcon_cf-001-C	6/21/2010
8.4.12	Corrected web page for .mcfg mime upload	ASSY-Falcon_cf-001-C	8/4/2010
8.4.13	Added serial flash SST 25VF032B	ASSY-Falcon_cf-001-C	8/20/2010
8.4.14	Changed modbus g628 for 32 units. New mib 8.3a. Added "sf110 u l" command for adding f110 registers.	ASSY-Falcon_cf-001-C	9/8/2010
8.4.15	Changed modbus offline alarms for modbus/tcp with same station address. Updated logos. Added labels for Inputs and Modbus to main web page. Corrected f110 seeding bitfields.	ASSY-Falcon_cf-001-C	9/16/2010
8.4.16	Added xml download and upload for modbus devices/registers. Added "delete regs x-y" command to logocfg.htm.	ASSY-Falcon_cf-001-C	9/20/2010

8.4.17	Corrected IE cfg downloads with MSS at 536.	ASSY-Falcon_cf-001-C	9/22/2010
8.4.18	Added web access to modem and phone cfg pages when modem option is not present.	ASSY-Falcon_cf-001-C	10/4/2010
8.4.19	Corrected html web post for modbus little-endian.	ASSY-Falcon_cf-001-C	10/5/2010
8.4.20	Corrected modbus g628 float values with alarm limits.	ASSY-Falcon_cf-001-C	10/13/2010
8.4.21	Improved MIME operation. Added pti logo and exif image support. Increased unit register status html table to 200 registers. Added modbus register preset config page.	ASSY-Falcon_cf-001-C	10/26/2010
8.4.22	Added relay operation for modbus unit summary alarms. Added DC Group logo. Corrected modbus xml upload for scaler and -2B offset. Mib updated to v8.4	ASSY-Falcon_cf-001-C	10/27/2010
8.4.23	Corrected DST for November.	ASSY-Falcon_cf-001-C	11/3/2010
8.4.24	Added 9600 baud option for TAP.	ASSY-Falcon_cf-001-C	1/5/2011
8.5.0	Converted v8.2.24 to CW 7.1	ASSY-Falcon_cf-001-C	3/2/2011
8.5.1	Corrected 0-5 gain/offset for scaled numbers	ASSY-Falcon_cf-001-C	3/11/2011
8.5.2	Added bacnet JCI fixes	ASSY-Falcon_cf-001-C	3/31/2011
8.5.3	Added Alternate Smtip Port	ASSY-Falcon_cf-001-C	4/14/2011
8.5.4	Improved mime uploads	ASSY-Falcon_cf-001-C	4/25/2011
8.5.5	Corrected digital input nc on inputs 1-8 with common ground.	ASSY-Falcon_cf-001-C	5/3/2011
8.6.0	Added floor map. Added Pue/DCiE Added Sntp master	ASSY-Falcon_cf-001-C	5/10/2011
8.6.1	Added floor map icon/link for the falcon itself. Added battery/supply voltages to main web page Improved tcp stack for faster image loading Changed max image size to 500K	ASSY-Falcon_cf-001-C	5/19/2011
8.6.2	Adjust tcp stack for large images over vpn	ASSY-Falcon_cf-001-C	5/20/2011

8.6.3	Adjust tcp stack for large images over vpn (again) Changed floor map icon for the falcon to a dot (with F) Corrected all floor map blue icons for maint. mode	ASSY-Falcon_cf-001-C	5/24/2011
8.6.4	Corrected tcp/ip transmission size of chart.ext.jar	ASSY-Falcon_cf-001-C	5/26/2011
8.6.5	Added xml down/upload support for snmp devices. Changed slave register config we pages for modbus/snmp units. Changed web page for uploading unsupported file types.	ASSY-Falcon_cf-001-C	6/16/2011
8.6.6	Corrected xml download for snmp devices.	ASSY-Falcon_cf-001-C	6/17/2011
8.6.7	Removed nested form on slave register cfg web pages	ASSY-Falcon_cf-001-C	6/17/2011
8.6.8	Added Modbus unit cfg - remove registers button. Improved .xfg download time to 30 seconds max.	ASSY-Falcon_cf-001-C	7/11/2011
8.6.9	Added modbus register mapping. Added variable size mapped points. Added test map function for point mapping. Changed UOM to UOM/Map Label for labeling digital points on map.	ASSY-Falcon_cf-001-C	7/14/2011
8.6.10	Added 'nowrap" to mapped point test	ASSY-Falcon_cf-001-C	7/14/2011
8.6.11	Corrected sizing of modbus mapped points	ASSY-Falcon_cf-001-C	7/22/2011
8.6.11A	Added enumerated support for modbus/snmp G628	ASSY-Falcon_cf-001-C	8/3/2011
8.6.12	Added enumerated for long modbus registers. Changed the lcmp ping ip address set to not allow multicast pings.	ASSY-Falcon_cf-001-C	8/11/2011
8.6.13	Added map label to map for modbus enumerated points	ASSY-Falcon_cf-001-C	8/12/2011
8.6.14	Corrected falconegg.htm IP address	ASSY-Falcon_cf-001-C	8/30/2011
8.6.14A	Added watchdog kick to ethernet packet processing	ASSY-Falcon_cf-001-C	10/11/2011
8.6.14B	Corrected tcp stack for email/modbus buffer.	ASSY-Falcon_cf-001-C	10/17/2011
8.6.15	Move floor map and nest links to top of page	ASSY-Falcon_cf-001-C	9/2/2011
8.6.15A	Added Falcon Nest Map	ASSY-Falcon_cf-001-C	9/20/2011

8.6.15B	Changed Falcon Egg to include modbus/snmp units	ASSY-Falcon_cf-001-C	9/22/2011
8.6.15C	Added pue 2&3 and modbus summary 1&2	ASSY-Falcon_cf-001-C	10/4/2011
8.6.15D	Corrected/modified Modbus PSR web page Added modbus address info to top of Unit Status pages	ASSY-Falcon_cf-001-C	10/12/2011
8.6.15E	Corrected tcp stack for email/modbus buffer.	ASSY-Falcon_cf-001-C	10/17/2011
8.6.15F	Added Modbus PSR button to Modbus Unit Status page	ASSY-Falcon_cf-001-C	10/20/2011
8.6.16	Renamed 8.6.15F to 8.6.16	ASSY-Falcon_cf-001-C	12/7/2011
Flash Version	Features	Hardware Required	Beta Release
8.4.3.v3	Solarwind fix - allow auth only reponse to not in time window.	ASSY-Falcon_cf-001-C	4/6/2010
8.4.4.v3	No snmpv3 changes.	ASSY-Falcon_cf-001-C	4/26/2010
8.4.5.v3	Corrected BCM CB cfg links. Changed test email from 4 to 8 recipients Corrected syslog checkboxes on snmp v3 cfg page	ASSY-Falcon_cf-001-C	5/10/2010
8.4.6.v3	Added read-only cfg option for snmpv3 users. Changed snmp write request with read-only community or snmpv3 user name to return a noAccess error code. Corrected snmpv3 sets to save changes in flash.	ASSY-Falcon_cf-001-C	5/11/2010
8.4.7.v3	Added HTTP Mime cfg/bin file upload. Masked ESMTP password with ****	ASSY-Falcon_cf-001-C	5/12/2010
8.4.11.v3	Updated w/.8.9.10.11 changes	ASSY-Falcon_cf-001-C	7/29/2010
8.4.12.v3	Corrected web page for .mcfg mime upload	ASSY-Falcon_cf-001-C	8/4/2010
8.4.13.v3	Added serial flash SST 25VF032B	ASSY-Falcon_cf-001-C	8/20/2010
8.4.23.v3	Updated to 8.4.23.x	ASSY-Falcon_cf-001-C	11/3/2010
8.5.3.v3	Update to 8.5.3.x	ASSY-Falcon_cf-001-C	4/15/2011
8.6.2.v3	Update to 8.6.2.x	ASSY-Falcon_cf-001-C	5/20/2011

8.6.3.v3	Update to 8.6.3.x	ASSY-Falcon_cf-001-C	5/24/2011
8.6.4.v3	Update to 8.6.4.x	ASSY-Falcon_cf-001-C	5/26/2011
8.6.8.v3	Update to 8.6.8.x	ASSY-Falcon_cf-001-C	7/11/2011
8.6.10.v3	Update to 8.6.10.x	ASSY-Falcon_cf-001-C	7/14/2011
8.6.11.v3	Update to 8.6.11.x	ASSY-Falcon_cf-001-C	7/22/2011
8.6.16.v3	Update to 8.6.16.x	ASSY-Falcon_cf-001-C	12/7/2011
Bootloader Version	Features	Hardware Required	Beta Release
3.0.0	Initial manufacturing release	ASSY-Falcon_cf-001-C	3/2/2010
3.0.1	Reduced flash blank check time for command prompt TFTP uploads.	ASSY-Falcon_cf-001-C	6/8/2010
3.0.2	Added serial flash SST 25VF032B	ASSY-Falcon_cf-001-C	8/20/2010