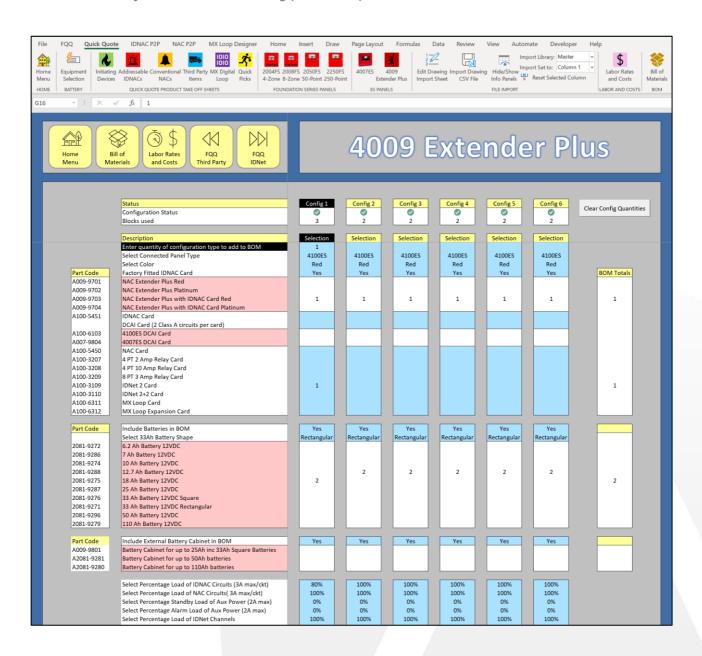# Update for Autocall FQQ Tool
Feature Quick Quote Takeoff, Point to Point
Circuit Designers and Battery Calculation Tool

We are pleased to announce the addition of an integrated **Configurator for the new 4009 Extender Plus** and updates to the Repeater Battery Calculation format in the IDNAC Point to Point Designer. **FQQ** is designed to provide users with an offline enhanced workflow experience facilitating rapid project takeoffs and circuit designs. It utilizes spreadsheet functionality for interface with the **Solution Navigator** pricing platform. The **IDNAC, NAC, and MX Loop Point to Point Designers** support multiple circuits in a single calculation. **FQQ** includes the ability to create a complete industry standard **Battery Calculation** including panel components and field devices.

New 4009 Extender Plus configurator features include:
- Six configuration containers with selectable quantities for adding parts to BOM.
- Automatic rule checking for optional card placement and power consumption.
- Supports configuration options for 4007ES and 4100ES Control Panels.
- Options to include batteries and/or battery cabinets in the BOM.
- Simple load selection of card types and auxiliary power requirements.

The new preconfigured 4009 IDNAC Extenders have been added to the IDNAC takeoff sheet:

IDNAC Addressable Notification Repeaters	Color		
IDNAC Repeater	Red		
IDNAC Repeater	Platinum		
IDNAC Repeater Buy America Version	Red		
IDNAC Repeater Buy America Version	Platinum		
IDNAC Repeater Class A Module			
4009 IDNAC Extenders	Color		
4009 IDNAC Extender	Red		
4009 IDNAC Extender	Platinum		
IDNAC Addressable Notification Modules		mA	
Isolator+ Module		10	
Adapter Module - Special Applications Audible 50mA - Visual 250mA		300	
Adapter Module - Regulated 24V Audible 30mA - Visual 180mA		210	

The Repeater Battery Calculation format has been updated to match the standard battery report. This also includes an option to configure auxiliary loads connected to each repeater and export the report to a new Excel Workbook.

Project Name:
Customer Name:
Project Location:
Project Phase:
Prepared By: Jason Crouch
4/26/2024

Battery Set Location:

REPEATERS PER CIRCUIT	1	
CIRCUIT NUMBER		1
REPEATER NUMBER		1
STANDBY HOURS		24
STANDBY MINUTES		5
BATTERY FACTOR		20%
SPARE CAPACITY		0%

IDNAC 29 VDC BOOST MULTIPLIER
IDNAC ALARM CURRENT AMPS	1.6780	TOTAL STANDBY AMPS	0.8344
IDNAC BOOST FACTOR 1.57 AMPS	0.6209	TOTAL ALARM AMPS	3.2949

Export battery report to new workbook

RECOMMENDED BATTERIES		TOTAL AMPERE HOURS	20.30 Ah
2 x 25 Ah Battery 12V		MINIMUM BATTERY	24.36 Ah
Requires External Battery Cabinet			

ITEM	PRODUCT DESCRIPTION	PART CODE	QTY	UNIT AMPS STANDBY	TOTAL AMPS STANDBY	UNIT AMPS ALARM	TOTAL AMPS ALARM
1	PANELS AND CONTROL EQUIPMENT						
2	Repeater - Red	A009-9602|Class B Mode	1	0.0700	0.0700	0.0960	0.0960
3	ADDRESSABLE NOTIFICATION						
4	Wall Horn Strobe	A49AV-APPLW|15 cd	5	0.0008	0.0040	0.0590	0.2950
5	Wall Horn Strobe	A49AV-APPLW|30 cd	5	0.0008	0.0040	0.0670	0.3350
6	Wall Strobe	A49VO-APPLW|15 cd	3	0.0008	0.0024	0.0470	0.1410
7	Ceiling Horn Strobe	A49AV-APPLC|75 cd	3	0.0008	0.0024	0.1590	0.4770
8	Ceiling Horn Strobe	A49AV-APPLC|110 cd	2	0.0008	0.0016	0.2150	0.4300
9	AUXILIARY LOADS						
10	Auxiliary Load 1	1234	1	0.3500	0.3500	0.5000	0.5000
11	Auxiliary Load 2	4567	2	0.2000	0.4000	0.2000	0.4000

FQQ Takeoff Tool w/ IDNAC P2P Designer can be downloaded at [FQQ & IDNAC P2P Tool](#).

For More Information:
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