

Update for Autocall FQQ / IDNAC P2P Tool

Feature Quick Quote Takeoff & IDNAC / NAC P2P Designer with New MX Loop Designer

We are pleased to announce the addition of a **NEW** integrated **MX Loop Designer** to the **FQQ** takeoff estimation tool and **IDNAC/ NAC Point to Point** voltage drop designer. **FQQ** is designed to provide users with an offline enhanced workflow experience facilitating rapid project takeoffs and circuit designs. It utilizes spreadsheet functionality and interfaces with the **Solution Navigator** pricing platform. The **New MX Loop Designer** supports multiple MX Loops in one instance and includes a dedicated **Project Report View** which can be used in conjunction with project submittals and/or handover documentation.

New Rapid Device Selection from dedicated Ribbon Controls



Dynamic Device Counts

DETECTORS	PHOTO	2	PHOTO/HEAT	0	HEAT	3	PHOTO/HEAT/CO	0	DUCT	0
BASES	STANDARD	2	CONTINUITY	0	SOUNDER	0	SOUNDER BEACON	3		
CALLS/PULLS	CP INDOOR	2	CP OUTDOOR	0	SINGLE	0	BREAKGLASS	0	PUSH PULL	0
MODULES	SIGNAL IAM	0	ISOLATOR	0	MULTI IO	0	RELAY	3	MONITOR	0
	MINI IAM	0	DUAL IAM	1						
LP SOUNDERS	SOUNDER	3	SDR/BEACON	0	WP SDR	0	WP SDR/BEACON	0		

Color Coded Design Grid Supporting Multiple Topologies, Class A, Class B and T-TAPS

DETECTORS	PHOTO	2	PHOTO/HEAT	0	HEAT	3	PHOTO/HEAT/CO	0	DUCT	0
BASES	STANDARD	2	CONTINUITY	0	SOUNDER	0	SOUNDER BEACON	3		
CALLS/PULLS	CP INDOOR	2	CP OUTDOOR	0	SINGLE	0	BREAKGLASS	0	PUSH PULL	0
MODULES	SIGNAL IAM	0	ISOLATOR	0	MULTI IO	0	RELAY	3	MONITOR	0
	MINI IAM	0	DUAL IAM	1						
LP SOUNDERS	SOUNDER	3	SDR/BEACON	0	WP SDR	0	WP SDR/BEACON	0		

















Item	Loop	Point Label	Description and Setting	Wire Length	Wire Gauge	Address	Device mA	LEDs On	Cable D	Isolator D	Loop DC Units	Available AC Units	Total Wire	Amps	Volt Drop	Volts at Device	Class A Amps	Class A Volt Drop	Volts at Dev Cts A
1	1-1		ESMX LOOP		14 AWG				9.25		279	375	280	0.070		40.000			
2	1-1		MX PHOTO 4 inch BASE UL	10	14 AWG	1	3.250		9.25					0.070	0.013	39.987	0.003	0.001	37.731
3	1-1		MX PHOTO 4 inch BASE UL	10	14 AWG	2	3.250		9.25					0.067	0.012	39.975	0.007	0.001	37.731
4	1-1		MX HEAT ADDR LP SOUNDER BEACON BASE High Volume Fast Flash	10	14 AWG	3, 4	12.050		9.25	0.25				0.063	0.262	39.713	0.019	0.253	37.732
5	1-1		MX HEAT ADDR LP SOUNDER BEACON BASE High Volume Fast Flash	10	14 AWG	5, 15	12.050		9.25	0.25				0.051	0.259	39.454	0.031	0.256	37.986
6	1-1		MX HEAT ADDR LP SOUNDER BEACON BASE High Volume Fast Flash	10	14 AWG	16, 17	12.050		9.25	0.25				0.039	0.257	39.196	0.043	0.258	38.242
7	1-1		INDOOR UL CP W/ ISOLATOR MX	10	14 AWG	6	0.300		9.25	0.25				0.027	0.255	38.941	0.043	0.258	38.499
8	1-1		INDOOR UL CP W/ ISOLATOR MX	10	14 AWG	7	0.300		9.25	0.25				0.027	0.255	38.686	0.043	0.258	38.757
9	1-1		MX RELAY IAM	10	14 AWG	8	0.300		9.25					0.027	0.009	38.681	0.044	0.008	39.015
10	1-1		MX RELAY IAM	10	14 AWG	9	0.300		9.25					0.026	0.005	38.677	0.044	0.008	39.023
11	1-1		MX RELAY IAM	10	14 AWG	10	0.300		9.25					0.026	0.005	38.672	0.044	0.008	39.032
12	1-1		MX DUAL INPUT IAM	10	14 AWG	11	0.250		9.25					0.026	0.005	38.667	0.044	0.008	39.040
13	1-1		ADDR WALL SOUNDER RED High Volume	10	14 AWG	12	8.475		9.25	0.25				0.025	0.255	38.412	0.053	0.260	39.048
14	1-1		ADDR WALL SOUNDER RED High Volume	10	14 AWG	13	8.475		9.25	0.25				0.017	0.253	38.159	0.061	0.261	39.308
15	1-1		ADDR WALL SOUNDER RED High Volume	10	14 AWG	14	8.475		9.25	0.25				0.008	0.252	37.908	0.070	0.431	39.569
16	1-1		MX LOOP RETURN		14 AWG				9.25										40.000
Total				140															

1. **Class A Main Loop**
2. **T-Tap from Main Loop**
3. **T-Tap off a T-Tap**
4. **Auto Addressing of Devices and Device Combinations**

DETECTORS	PHOTO	2	PHOTO/HEAT	0	HEAT	3	PHOTO/HEAT/CO	0	DUCT	0
BASES	STANDARD	2	CONTINUITY	0	SOUNDER	0	SOUNDER BEACON	3		
CALLS/PULLS	CP INDOOR	2	CP OUTDOOR	0	SINGLE	0	BREAKGLASS	3	PUSH PULL	0
MODULES	SIGNAL IAM	0	ISOLATOR	0	MULTI IO	0	RELAY	4	MONITOR	0
LP SOUNDERS	MINI IAM	0	DUAL IAM	2						
	SOUNDER	3	SDR/BEACON	0	WP SDR	0	WP SDR/BEACON	0		

Select across these 4 columns to edit devices				Wire Length	Wire Gauge	Address
Item	Loop	Point Label	Description and Setting			
1	1-1		ESMX LOOP		14 AWG	
2	1-1		MX PHOTO 4 inch BASE UL	10	14 AWG	1
3	1-1		MX PHOTO 4 inch BASE UL	10	14 AWG	2
4	1-1	1	MX HEAT ADDR LP SOUNDER BEACON BASE High Volume Fast Flash	10	14 AWG	3, 4
5	1-1		MX HEAT ADDR LP SOUNDER BEACON BASE High Volume Fast Flash	10	14 AWG	5, 15
6	1-1		T-TAP/SPUR		14 AWG	
7	1-1	2	MX PULL STATION DOUBLE ACTION	10	14 AWG	18
8	1-1		MX PULL STATION DOUBLE ACTION	10	14 AWG	19
9	1-1		T-TAP/SPUR		14 AWG	
10	1-1		MX RELAY IAM	10	14 AWG	21
11	1-1	3	MX DUAL INPUT IAM	10	14 AWG	22
12	1-1		END		14 AWG	
13	1-1		MX PULL STATION DOUBLE ACTION	10	14 AWG	20
14	1-1		END		14 AWG	
15	1-1		MX HEAT ADDR LP SOUNDER BEACON BASE High Volume Fast Flash	10	14 AWG	16, 17
16	1-1		INDOOR UL CP W ISOLATOR MX	10	14 AWG	6
17	1-1		INDOOR UL CP W ISOLATOR MX	10	14 AWG	7
18	1-1		MX RELAY IAM	10	14 AWG	8
19	1-1		MX RELAY IAM	10	14 AWG	9
20	1-1		MX RELAY IAM	10	14 AWG	10
21	1-1		MX DUAL INPUT IAM	10	14 AWG	11
22	1-1		ADDR WALL SOUNDER RED High Volume	10	14 AWG	12
23	1-1		ADDR WALL SOUNDER RED High Volume	10	14 AWG	13
24	1-1		ADDR WALL SOUNDER RED High Volume	10	14 AWG	14
25	1-1		MX LOOP RETURN	40	14 AWG	
Total						

Dedicated Ribbon Controls for Adding Hardware, Editing and Project Views

															
New Loop	Add 2nd Loop to Card	Loop Return	Branch	Tap	End Tap	Copy Selection	Copy Loop	Readdress Loop	Delete Selection	Push Wire	Push Gauge	Reset Project	Designer View	Project View	Bill of Materials
ADD HARDWARE						CONTROLS AND EDITING						PROJECT			

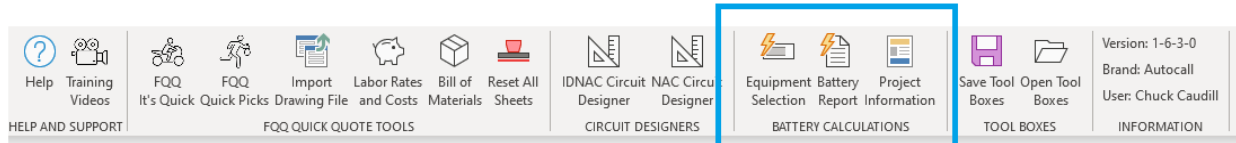
Loop Designer Settings can be saved as project defaults

Wire Length	10	Unit of Measure	Meters	▼
Wire Gauge	14 AWG	LED's on Concurrently	5	▼
Wire Temperature	50°C (122°F)	MICC High Capacitance Cable	Yes	▼

MX LOOP DESIGNER SETTINGS

Integrated Battery Calculations:

FQQ includes the ability to create a complete **battery calculation** including panel components and field devices.



- New Battery Calc features include:
 - Import function supports part code importation from:
 - FQQ IDNet
 - FQQ IDNAC
 - FQQ NAC
 - FQQ File Import (Blue Beam .csv file)
 - Navigator BOM export (configured panel builds)
 - IDNAC Designer
 - NAC Designer
 - MX Loop Designer
 - Catalogue Search with user defined Favorites
 - Manual Search by part code
 - Support for 8 battery groups in one calculation
 - Printable battery calculation with itemized panel and field device current draws
 - Exportable spreadsheet calculation

Home

Show All

Hide All

Favorites

Selected

Clear Sets

Search

Import

Location

13

Totals Only

Set 0

Set 1

Set 2

Set 3

Set 4

Set 5

Set 6

Set 7

Set 8

Product Description

Part Codes

2050FS 50 POINT ADDRESSABLE PANEL

5 GSM 4G/LTE Cellular module kit

A007-6416|A007-6417

REMOTE ANNUNCIATORS

1 Red Color Touchscreen Annunciator

A4606-9202

1 4007ES HYBRID/IDNAC IDNET WITH ADDRESSABLE NOTIFICATION

1 Red 4007ES IDNAC Panel

A007-9201

13 HYBRID/IDNAC PANEL COMPATIBLE OPTIONAL CARDS

13 Relay Module Alarm, Supervisory and Trouble

A007-9809

2 COMMUNICATIONS

2 IP Communicator Connected Services Gateway

A007-2504

1 IDNET ADDRESSABLE DEVICES

1 ADDRESSABLE DETECTORS AND BASES

14 Smoke Detector with Standard Base

A4098-9714|A4098-9792

14 Smoke Detector with CO 520Hz Sounder Base - FULL LOAD

A4098-9714|A4098-9773

18 Heat Detector with Standard Base

A4098-9733|A4098-9792

1 ADDRESSABLE INPUT MODULES

1 IAM Module

A4090-9001

1 ADDRESSABLE OUTPUT MODULES

1 Relay IAM

A4090-9002

1 MX ADDRESSABLE DEVICES

1 ADDRESSABLE NOTIFICATION

3 WALL HORN STROBE XENON

1 Wall Horn Strobe

A49AV-APPLW|15 cd

3 Wall Horn Strobe

A49AV-APPLW|75 cd

5 Wall Horn Strobe

A49AV-APPI|1135 cd

Project Name:

Customer Name:

Project Location:

Project Phase:

Prepared By:

6/8/2023

Battery Set Location:

FACP

Export battery report to new workbook

SELECTED BATTERY SET

STANDBY HOURS

STANDBY MINUTES

BATTERY FACTOR

SPARE CAPACITY

IDNAC ALARM CURRENT AMPS

1.2120

TOTAL STANDBY AMPS

0.452

IDNAC BOOST FACTOR 1.57 AMPS

0.6908

TOTAL ALARM AMPS

3.08

20 VDC BOOST MULTIPLIER

TOTAL AMPERE HOURS

11.39 F

MINIMUM BATTERY

13.43 F

Item

Product Description

Part Code

Qty

UNIT AMPS

TOTAL AMPS

UNIT AMPS

TOTAL AMPS

STANDBY

STANDBY

ALARM

ALARM

1 PANELS AND CONTROL EQUIPMENT

2 Red 4007ES IDNAC Panel

A007-9201

1

0.1800

0.1800

0.1800

0.18

3 Relay Module Alarm, Supervisory and Trouble

A007-9809

1

0.0150

0.0150

0.0170

0.02

4 IP Communicator Connected Services Gateway

A007-2504

1

0.1250

0.1250

0.1250

0.12

5 GSM 4G/LTE Cellular Module Kit for Internal Mount

A007-6416

1

0.0200

0.0200

0.0200

0.02

6 Red Color Touchscreen Annunciator

A4606-9202

1

0.0700

0.0700

0.1240

0.13

7 IDNET ADDRESSABLE DEVICES

8 Smoke Detector with Standard Base

A4098-9714|A098-9792

20

0.0008

0.0160

0.0020

0.02

9 Smoke Detector with 520Hz Sounder Base - FULL LOAD

A4098-9714|A098-9772

5

0.0008

0.0040

0.1300

0.65

10 Heat Detector with Standard Base

A4098-9733|A098-9792

5

0.0008

0.0040

0.0020

0.02

11 IAM Module

A4090-9001

10

0.0008

0.0080

0.0020

0.02

12 Relay IAM

A4090-9002

5

0.0008

0.0040

0.0020

0.02

13 ADDRESSABLE NOTIFICATION

14 Wall Horn Strobe

A49AV-APPLW|15 cd

2

0.0008

0.0016

0.0090

0.11

15 Wall Horn Strobe

A49AV-APPLW|75 cd

4

0.0008

0.0032

0.1070

0.42

16 Wall Horn Strobe

A49AV-APPLW|135 cd

1

0.0008

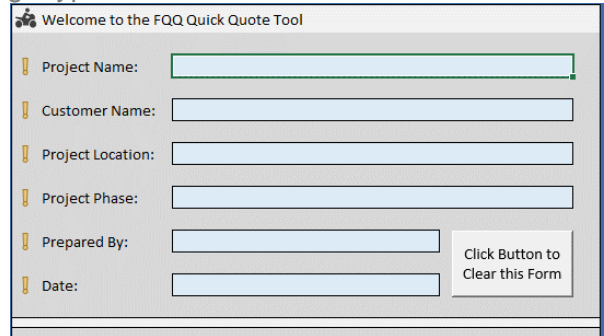
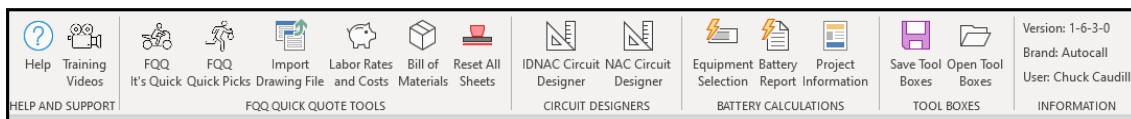
0.0008

0.1660

0.16

- Existing Features:











- Editable toolboxes to support multiple design types
- Toolbox export/ import for future revision support
- MX Digital Loop support (select market availability)
- Support for Foundation Series
- Battery support for NAC Extenders and IDNAC Repeaters
- Estimated average circuit loading added to IDNAC
- Home Screen Ribbon Controls with one click access to Training Videos

- Dedicated selector screens for IDNet, IDNAC, NAC, 3rd Party Items, MX Digital Loop, Quick Picks, Foundation Series and 4007ES
- Integrated Labor Calculator
- .CSV Importation for takeoff totals from external programs such as Bluebeam Revu ®
- Bill of Materials view with selection filter
- .CSV Exportation to Selection Navigator for Pricing
- **IDNAC Point to Point Circuit Designer Updates:**
 - Multiple IDNAC support
 - Addition of toolboxes for multiple design types
 - Simplified interface for adding/ editing devices
 - **Repeater Battery Calculation** support
 - **Project View** for submittal
 - **Circuit Drawing**, single or multiple IDNAC display options
 - **SIG Circuit Assignment**
 - **Install View** with device dipswitch settings
 - **Spare Capacity** assignment for IDNACs
- **NAC Point to Point Circuit Designer**
 - Multiple NAC support
 - Multiple source NAC starting voltages
 - Support for Max Value & custom NAC devices

Note: Microsoft Excel 365 is required to run FQQ/ IDNAC Point to Point Circuit Designer

Summary of FQQ:

										
Initiating Devices	Addressable IDNACs	Conventional NACs	Third Party Items	MX Digital Loop	Quick Picks	2004FS 4-Zone	2008FS 8-Zone	2050FS 50-Point	2250FS 250-Point	4007ES
QUICK QUOTE PRODUCT TAKE OFF SHEETS						FOUNDATION SERIES PANELS				ES PANELS

Manual Device Selection

- Customizable columns headers, example: Floor 1, Floor 2, Floor 3, etc.
- IDNet device groups; addressable detectors, duct detectors, input modules, etc.
- Pre-configured device pairing selections; example: Smoke Detector with Standard Base
- IDNAC & Conventional NAC feature customizable toolbox device selectors that allow users to tailor the spreadsheet tool for business model or vertical market
- Third Party Items tab allows user to easily customize takeoff for Non-JCI products
- MX Digital Loop selector
- Future support of Foundation Series
- 4007ES Quick Select allows pre-selected 4007ES systems to be chosen for rapid pricing in Selection Navigator with field device selections
- Automatic battery calculation/ order capability for IDNet NAC Extenders

Automatic Calculation of Manual Selectors

	Totals	Floor 1/ E101	Floor 2/ E102	Floor 3/ E103
IDNet Information per designation				
IDNet Addresses per designation	118	56	31	31
IDNet Unit Loads per designation	118	56	31	31
Remote 24V Standby Loads mA for 4 wire IDNet Devices per designation				
Remote 24V Alarm Loads mA for 4 wire IDNet Devices per designation				
24V Alarm Loads mA for Sounder Bases per designation				
Estimated number of IDNet Loops/Channels required	3	1	1	1
Estimated Number of IDNet Loops/Channels based on Addresses		1	1	1
Estimated Number of IDNet Loops/Channels based on Unit Loads		1	1	1
Estimated Number of IDNet Loops/Channels based on NAC Extenders				

- FQQ device selections are automatically tallied
- Logical selection process follows a typical design take off, providing useful calculations on estimated number of Loops, Addressable NACs, Repeaters, Speaker Wattage and Cable Calculations allowing the user to set base preferences such as spare design capacity.
- IDNAC/ Conventional NAC customizable selections for load calculations
 - Speaker wattage
 - Circuit Length
 - Wire Gauge, Temperature and Unit of Measure
 - Estimated Average Circuit Loading
 - Automatic battery calculation/ order capability for IDNAC repeaters

Small Panel Takeoff Configurators

- Foundation Series system designer with selectable field devices
 - Verification of panel capacities versus device selection
 - Creation of exportable battery calculation for Foundation series
- 4007ES Quick Select allows pre-selected 4007ES systems to be chosen for rapid pricing in Selection Navigator with field device selections. Includes basic battery calculation for addition to BOM

Third Party Items

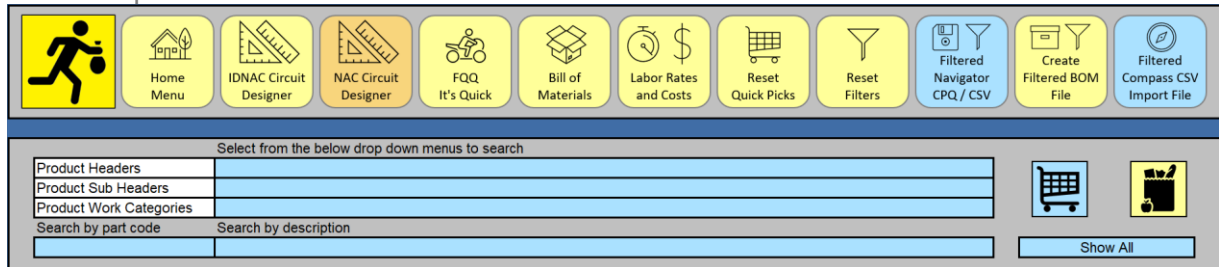
- Third Party Items tab allows user to easily customize takeoff for Non-JCI products & services

MX Digital Loop Device Selector (select market availability)

- Full support of MX Digital Loop devices as shown above in IDNet selector

Quick Picks Selector

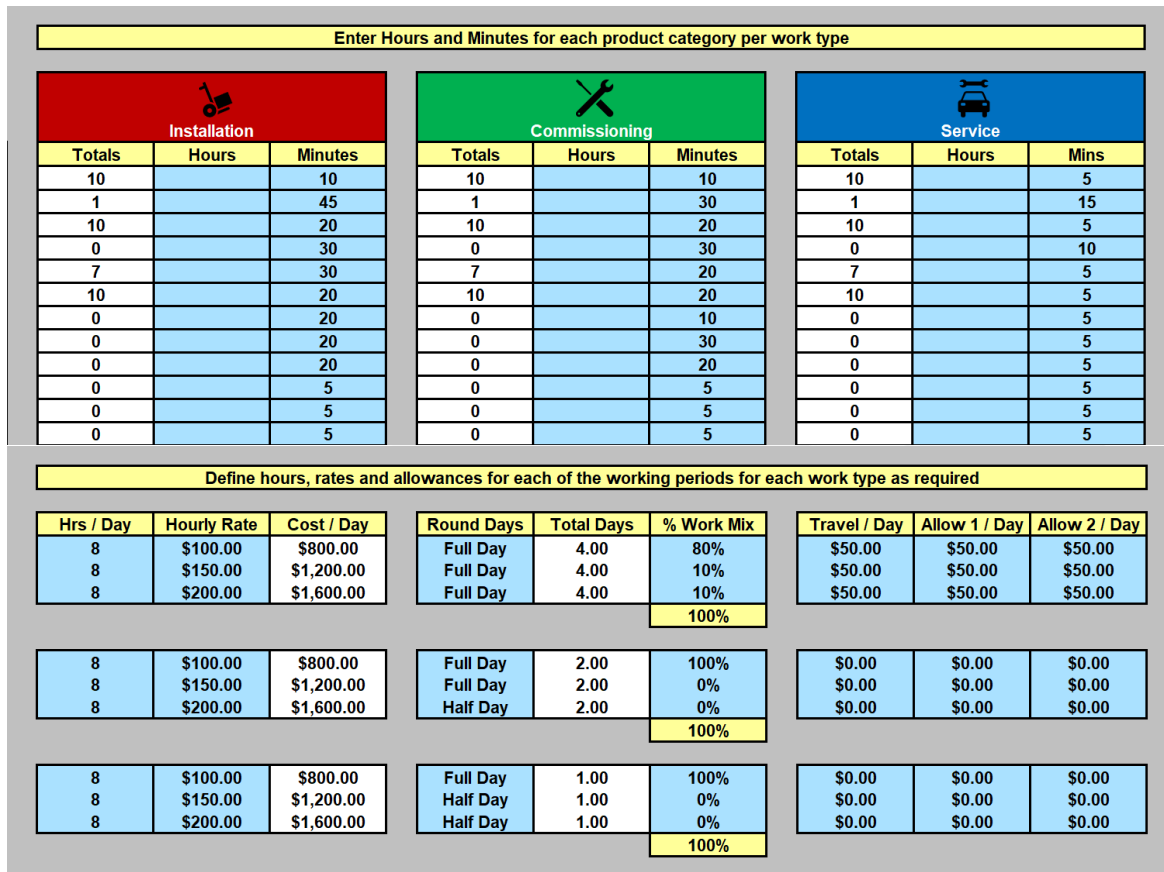
- Full library of all available products for manual entry by part code
- Allows simple addition of “spare devices” without affecting loop requirement calculations
- Comprehensive search by product headers, sub headers, work categories, part code or descriptions.



The interface features a top navigation bar with icons for Home Menu, IDNAC Circuit Designer, NAC Circuit Designer, FQQ It's Quick, Bill of Materials, Labor Rates and Costs, Reset Quick Picks, Reset Filters, Filtered Navigator CPQ/CSV, Create Filtered BOM File, and Filtered Compass CSV Import File. Below this is a search section with dropdown menus for Product Headers, Product Sub Headers, and Product Work Categories. There are also input fields for 'Search by part code' and 'Search by description', and a 'Show All' button.

Labor Rates and Costs Calculator

- Device selection totals are compiled in Labor tab for costing with customizable labor rates
 - Separate Installation, Commissioning and Service columns
 - Hours, Rates and Allowances configurable by Work Type
 - Labor Rates Configurable by Working Periods (Weekdays and Weekends)



The calculator interface is divided into two main sections. The top section, titled 'Enter Hours and Minutes for each product category per work type', contains three tables for Installation, Commissioning, and Service. Each table has columns for Totals, Hours, and Minutes, with rows for different work types. The bottom section, titled 'Define hours, rates and allowances for each of the working periods for each work type as required', contains three tables for Hrs / Day, Hourly Rate, Cost / Day, Round Days, Total Days, % Work Mix, Travel / Day, Allow 1 / Day, and Allow 2 / Day. These tables allow users to define rates and allowances for different working periods.

Import Drawing .CSV File for IDNet and IDNAC from Bluebeam Revu ®

Enter Spare Design Capacity for IDNet Circuits		20%	Column 1
IDNet Information per column/designation			
IDNet Addresses per designation	77	Bluebeam Devices	
IDNet Unit Loads per designation	77	77	
Remote 24V Standby Loads mA for 4 wire IDNet Devices per designation	3 mA	3 mA	
Remote 24V Alarm Loads mA for 4 wire IDNet Devices per designation	15 mA	15 mA	
24V Alarm Loads mA for Sounder Bases per designation	918 mA	918 mA	
Estimated number of IDNet Loops/Channels required		1	1
Estimated Number of IDNet Loops/Channels based on Addresses		1	
Estimated Number of IDNet Loops/Channels based on Unit Loads		1	
Estimated Number of IDNet Loops/Channels based on NAC Extenders			

- Import .CSV takeoff list from popular drawing takeoff programs
- Customizable columns headers, example: Floor 1, Floor 2, Floor 3, etc.
- Map file import to selectable Columns for multiple imports in a session
- User can create custom descriptions for imports or use default Master descriptions
- Customizable spare capacity for addressable points and circuit loading
- Imported device totals are automatically tallied
- Logical selection process follows a typical design take off, providing useful calculations on estimated number of Loops, Addressable NACs, Repeaters, Speaker Wattage and Cable Calculations allowing the user to set base preferences such as spare design capacity
- IDNAC/ NAC customizable selections for load calculations
 - Speaker wattage
 - Circuit Length
 - Wire Gauge, Temperature and Unit of Meas

Bill of Materials and .CSV Export

- Customize Bill of Materials from any of the following sections:
 - IDNAC Designer
 - NAC Designer
 - MX Loop Designer
 - Quick Quote
 - Quick Picks
 - Drawing File Import
- ☒ IDNAC Designer ☒ Quick Quote
☒ NAC Designer ☒ Quick Picks
☒ ESMX Loop Designer ☒ File Import
 LABOR AND BOM SELECTION FEED
- Create a .CSV file export that can be uploaded to Selection Navigator for rapid pricing versus adding products individually via **Products** or **System Selectors**

Home Menu

IDNAC Circuit Designer

NAC Circuit Designer

FQQ
It's Quick

FQP
Quick Picks

Labor Rates
and Costs

Selection Navigator
CPQ / CSV

Create BOM
File

Create Compass CSV
Import File

User Defined Custom Items marked with ★ will not be included in Selection Navigator CSV files

Description	Partcode	Quantity
Wall Speaker HiFi	A49HF-APPLW	1
Red Fire Cover Wall Mount	A49SOC-WRFIRE	1
Red Mounting Plate	A49MP-SOWR	1
Wall Speaker Strobe	A49SV-APPLW	1
Red Fire Cover Wall Mount	A49SVC-WRFIRE	1
Red Mounting Plate	A49MP-SVWR	1
Ceiling Speaker Strobe HiFi HiCd Amber BA	A49HFVH-APLCA-BA	3
Red Fire Cover Ceiling Mount	A49SVC-CRFIRE	3

IDNAC Point to Point Circuit Designer Enhancements

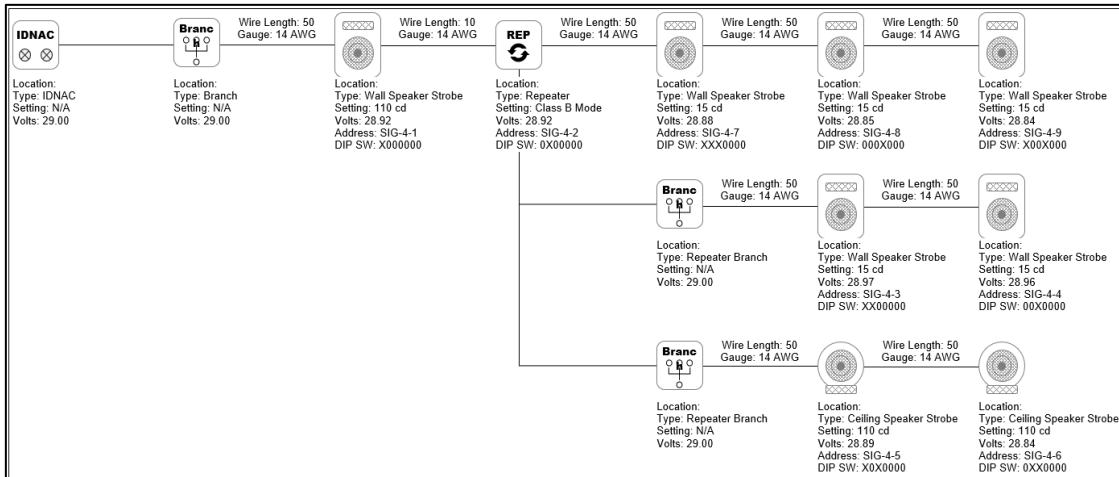


- Custom Ribbon and Toolbar controls redesigned to improve user experience
- Addition of toolboxes for multiple design types

	Point Label	Type	Appliance	Setting	Cover	Wire Length	Wire Gauge	Device Use
1		Wall Chime	Wall Chime	Chime	Red Fire	50	14 AWG	Fire
2		Wall Speaker	Wall Speaker HiFi	IDNAC Load	Red Fire	50	14 AWG	Fire
3		Wall Horn Strobe	Wall Multi Tone Horn Strobe	75 cd	Red Fire	50	14 AWG	Fire
4		Wall Strobe	Wall Strobe	30 cd	Red Fire	50	14 AWG	Fire
5		Wall Strobe	Wall Strobe	75 cd	Red Fire	50	14 AWG	Fire
6		Wall Speaker Strobe	Wall Speaker Strobe	110 cd	Red Fire	50	14 AWG	Fire
7		Wall Multi Tone Horn Strobe	Wall Multi Tone Horn Strobe	520Hz Low 15 cd	Red Fire	50	14 AWG	Fire
8		Ceiling Speaker Strobe	Ceiling Speaker Strobe HiFi HiCd Amber	110 cd	Red Fire	50	14 AWG	Fire
9		Wall Speaker Strobe	Wall Speaker Strobe	110 cd	Red Fire	50	14 AWG	Fire
10		Ceiling Horn	Ceiling Horn	Horn	Red Fire	50	14 AWG	Fire
11		Wall Speaker Strobe	Wall Speaker Strobe	15 cd	Red Fire	50	14 AWG	Fire
12		Wall Speaker Strobe	Wall Speaker Strobe	110 cd	Red Fire	50	14 AWG	Fire
13		Wall Speaker Strobe	Wall Speaker Strobe	110 cd	Red Fire	50	14 AWG	Fire
14		Wall Multi Tone Horn	Wall Multi Tone Horn	520Hz High	Red Fire	50	14 AWG	Fire
15		Wall Speaker Strobe	Wall Speaker Strobe	110 cd	Red Fire	50	14 AWG	Fire
16		IDNAC	IDNAC	N/A	Not Required	50	14 AWG	Fire

	Circuit Tree	Amps
IDNAC		1.241
Branch		1.241
Wall Horn Strobe		1.241
Wall Horn Strobe		1.134
Wall Horn Strobe		1.027
Wall Horn Strobe		0.92
Terminal Cabinet		0.813
> Terminal 1		0.057
> Wall Strobe		0.057
> End Terminal		0
> Terminal 2		0.057
> Wall Strobe		0.057
> End Terminal		0
> Terminal 3		0.057
> Wall Strobe		0.057
> End Terminal		0
End Cabinet		0.642
Wall Horn Strobe		0.642
Wall Horn Strobe		0.535
Wall Horn Strobe		0.428
Wall Horn Strobe		0.321
Wall Horn Strobe		0.214
Wall Horn Strobe		0.107

- Multiple IDNAC support
- Insert and Add Multiple Devices
- Voltage Drop and Current Calculator
- Color Coded Meters per Node
- Support for Spare Design Capacity
- Designer for IDNAC Class A, Class B & mixed Class A & B circuits
- IDNAC Repeater support - Class A, B and Extended Mode
- Automated Repeater Battery Calculations
- Circuit Tree View with Easily Identifiable Tap Levels
- Show Wire Path Option
- Exportable Project View for Submittals
- New "Future and Now" feature
- New "Flex Connect" Option
- New "Push" Wire and Gauge feature
- New Auto Addressing Modes.
- New FQECM – Quick Error Checking Matrix for Rapid Troubleshooting
- New Circuit Riser Drawing
- New SIG Circuit assignment to IDNACs
- Install view with dipswitch settings
- Spare Capacity Reserve for IDNACs



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

For More Information:

Please contact one of the team members below:

Jason Crouch, Director of Sales Tools and System Strategy

Global Fire Detection Products

Tel: +1 (978)-340-8195

jason.crouch@jci.com

Chuck Caudill, Sales Applications Manager

Global Fire Detection Products

Tel: +1 (863)-455-6520

chuck.caudill@jci.com