

License Assignment

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Introduction

Qualified Persons

WARNING

The equipment covered by this publication must be installed, operated, and maintained by qualified persons who are knowledgeable in the installation, operation, and maintenance of overhead electric power distribution equipment along with the associated hazards. A qualified person is one who is trained and competent in:

- The skills and techniques necessary to distinguish exposed live parts from non-live parts of electrical equipment
- The skills and techniques necessary to determine the proper approach distances corresponding to the voltages to which the qualified person will be exposed
- The proper use of the special precautionary techniques, personal protective equipment, insulating and shielding materials, and insulated tools for working on or near energized parts of electrical equipment

These instructions are intended only for such qualified persons. They are not intended to be a substitute for adequate training and experience in safety procedures for this type of equipment.

Read this Instruction Sheet

NOTICE

Read this instruction sheet thoroughly and carefully before installing or operating your S&C IntelliTeam SG Automatic Restoration System. Familiarize yourself with the Safety Information on page 4. The latest version of this publication is available online in PDF format at sandc.com/Support/Product-Literature.asp.

Retain this Instruction Sheet

This instruction sheet is a permanent part of your S&C IntelliTeam SG Automatic Switch Control. Designate a location where you can easily retrieve and refer to it.

Proper Application

WARNING

The equipment in this publication must be selected for a specific application. The application must be within the ratings furnished for the selected equipment.

Special Warranty Provisions

The standard warranty contained in S&C's standard conditions of sale, as set forth in Price Sheet 150, applies to the IntelliTeam SG Automatic Restoration System software and the associated control hardware and their associated options, except for the control group (the protection and control module and communication module). For these devices, the first paragraph of said warranty is replaced by the following:

(1) General: The seller warrants to the immediate purchaser or end user for a period of 10 years from the date of shipment that the equipment delivered will be of the kind and quality specified in the contract description and will be free of defects of workmanship and material. Should any failure to conform to this warranty appear under proper and normal use within 10 years after the date of shipment, the seller agrees, upon prompt notification thereof and confirmation that the equipment has been stored, installed, operated, and maintained in accordance with recommendations of the seller and standard industry practice, to correct the nonconformity either by repairing any damaged or defective parts of the equipment or (at seller's option) by shipment of necessary replacement parts. The seller's warranty does not apply to any equipment that has been disassembled, repaired, or altered by anyone other than the seller. This limited warranty is granted only to the immediate purchaser or, if the equipment is purchased by a third party for installation in third-party equipment, the end user of the equipment. The seller's duty to perform under any warranty may be delayed, at the seller's sole option, until the seller has been paid in full for all goods purchased by the immediate purchaser. No such delay shall extend the warranty period.

Replacement parts provided by seller or repairs performed by seller under the warranty for the original equipment will be covered by the above special warranty provision for its duration. Replacement parts purchased separately will be covered by the above special warranty provision.

For equipment/services packages, seller warrants for a period of one year after commissioning, that the Automatic Switch Controls will provide automatic fault isolation and system reconfiguration per agreed-upon service levels. The remedy shall be additional system analysis and reconfiguration of IntelliTeam® SG Automatic Restoration System until the desired result is achieved.

Warranty of the S&C Automatic Switch Control is contingent upon the installation, configuration, and use of the control or software in accordance with S&C's applicable instruction sheets.

This warranty does not apply to major components not of S&C manufacture, such as batteries, and communication devices. However, S&C will assign to immediate purchaser or end user all manufacturer's warranties that apply to such major components.

Warranty of equipment/services packages is contingent upon receipt of adequate information on the user's distribution system, sufficiently detailed to prepare a technical analysis. Seller is not liable if an act of nature or parties beyond S&C's control negatively impact performance of equipment/services packages; for example, new construction which impedes radio communication, or changes to the distribution system that impact protection systems, available fault currents, or system loading characteristics.

Safety Information

Understanding Safety-Alert Messages

Several types of safety-alert messages may appear throughout this instruction sheet and on labels attached to the equipment being operated. Familiarize yourself with these types of messages and the importance of these various signal words:

DANGER

“DANGER” identifies the most serious and immediate hazards that *will likely* result in serious personal injury or death if instructions, including recommended precautions, are not followed.

WARNING

“WARNING” identifies hazards or unsafe practices that *can* result in serious personal injury or death if instructions, including recommended precautions, are not followed.

CAUTION

“CAUTION” identifies hazards or unsafe practices that *can* result in minor personal injury if instructions, including recommended precautions, are not followed.

NOTICE

“NOTICE” identifies important procedures or requirements that *can* result in product or property damage if instructions are not followed.

Following Safety Instructions

If you do not understand any portion of this instruction sheet and need assistance, contact your nearest S&C Sales Office or S&C Authorized Distributor. Their telephone numbers are listed on S&C’s website sandc.com, or call the S&C Global Support and Monitoring Center at 1-888-762-1100.

NOTICE

Read this instruction sheet thoroughly and carefully before installing or operating your S&C Automatic Switch Control.



Replacement Instructions and Labels

If you need additional copies of this instruction sheet, contact your nearest S&C Sales Office, S&C Authorized Distributor, S&C Headquarters, or S&C Electric Canada Ltd.

It is important that any missing, damaged, or faded labels on the equipment be replaced immediately. Replacement labels are available by contacting your nearest S&C Sales Office, S&C Authorized Distributor, S&C Headquarters, or S&C Electric Canada Ltd.

Licensing

Licensing of IntelliTeam SG software product is controlled through a two-part license system. The first part is called a Designer Slot, which enables an IntelliTeam SG platform such as an IntelliRupter[®] PulseCloser[®] Fault Interrupter or an IntelliNode[™] Interface Module to be recognized by the IntelliTeam[®] Designer configuration tool. Slots are purchased as needed—one at a time or 100 at a time—and there is no annual renewal charge for a slot. The second part is the Feature License, which determines which IntelliTeam SG features can be activated on the asset (IntelliRupter fault interrupter, IntelliNode module, or 6800 Automatic Switch Control).

There are three feature levels for the IntelliTeam SG license: Bronze, Silver, and Gold. S&C IntelliTeam SG Specification Bulletin 1044-31 has a description of the features associated with each license level and lists the part number for each license type. Bronze is the standard license for all IntelliTeam SG controls. Silver and Gold licenses cost more and provide additional IntelliTeam SG features.

Designer Slots and Feature Licenses must be registered with the control serial number in the S&C Automation Customer Support Portal to activate IntelliTeam SG functionality for that control. Licenses can be assigned to controls in one of three ways: automatic assignment when the control is purchased, self-assignment by the customer, or assignment by an S&C portal administrator.

The IntelliTeam Designer configuration tool is licensed on a per-user basis by registering the user's PC MAC address in the Authorized Users section at the user's S&C Customer Portal account. See the Authorized Users section on page 7. The license for IntelliTeam Designer is completely independent of the product licensing described above. The only relationship is that the number of authorized users a company is entitled to at no charge depends on the number of Designer Slots the company has purchased. S&C IntelliTeam SG Specification Bulletin 1044-31 describes the relationship of Designer Slots to Designer Licenses.

Automatic Assignment

When a control is shipped, its serial number is recorded in the S&C Customer Portal, and the Designer Slot and Feature License are automatically assigned. Designer Slots and Feature Licenses are processed on a first-come, first-assigned basis. So if there are 10 controls registered and five Designer Slots, the first five serial numbers entered will get the Designer Slots. For Feature Licenses, Gold is assigned first, Silver second, followed by Bronze. If there are 10 controls on an order with six Designer Slots and five Gold licenses, the first five controls will get a Designer Slot and Gold license, and the sixth control will get a Designer Slot and keep its standard Bronze license. The remaining four controls will only have a Bronze license.

Self-assignment

Self-assignment is limited to one time per asset, with the exception of an upgrade. An asset with a Bronze license can always be upgraded to Silver or Gold, and a Silver license can always be upgraded to Gold. An automatic assignment does not count, so an auto-assigned Silver or Gold license can be unassigned and reassigned to a different control.

Assignment by S&C

If a license needs to be reallocated after it was self-assigned, a request can be sent to S&C by email to CustomerPortal@sandc.com. Customers are not required to self-assign their licenses. Requests for S&C license assignment can be submitted at any time. If a large number of controls is involved, a list of the controls that includes the current state of Feature License and Designer Slot assignment can be exported to an Excel spreadsheet to assist with documenting the required changes. See Figure 2 in the Account Details section on page 6 for an example.

Access your S&C Automation Customer Support Portal account at: <http://www.sandc.com/en/support/sc-customer-portal>. If you have not already received an account, you can send a request to CustomerPortal@sandc.com. Please include your name, phone number, company name, primary S&C sales contact, and your corporate email address.

The IntelliTeam SG licensing information for your company is located on the **IT-SG Licensing** tab found in your S&C Automation Customer Support Portal account. The **IT-SG Licensing** tab contains four primary fields: **Account Details**, **Licenses**, **Authorized Users**, and **Assets**.

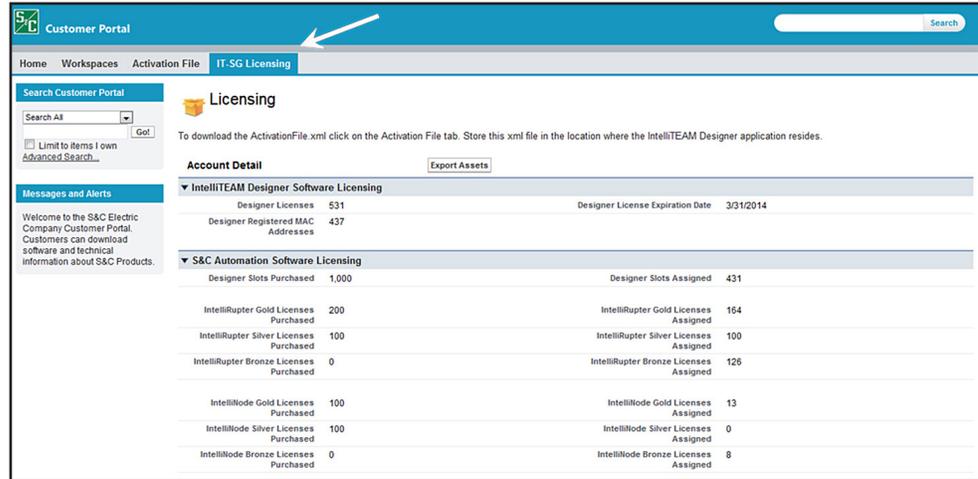


Figure 1. IT-SG Licensing Tab.

Account Details

The **Account Details** field provides a summary of your account that shows how many of each license type have been purchased and how many licenses have been assigned. The IntelliTeam Designer information shows the date the IntelliTeam Designer license expires.

Account Detail			
Export Assets			
IntelliTEAM Designer Software Licensing			
Designer Licenses	531	Designer License Expiration Date	3/31/2014
Designer Registered MAC Addresses	437		
S&C Automation Software Licensing			
Designer Slots Purchased	1,000	Designer Slots Assigned	431
IntelliRupter Gold Licenses Purchased	200	IntelliRupter Gold Licenses Assigned	164
IntelliRupter Silver Licenses Purchased	100	IntelliRupter Silver Licenses Assigned	100
IntelliRupter Bronze Licenses Purchased	0	IntelliRupter Bronze Licenses Assigned	126
IntelliNode Gold Licenses Purchased	100	IntelliNode Gold Licenses Assigned	13
IntelliNode Silver Licenses Purchased	100	IntelliNode Silver Licenses Assigned	0
IntelliNode Bronze Licenses Purchased	0	IntelliNode Bronze Licenses Assigned	8
6800 Gold Licenses Purchased	100	6800 Gold Licenses Assigned	49
6800 Silver Licenses Purchased	0	6800 Silver Licenses Assigned	0
6800 Bronze Licenses Purchased	0	6800 Bronze Licenses Assigned	42
Export Assets			

Figure 2. Account Detail field.

The field includes an **Asset Export** button that enables you to export an Excel spreadsheet containing the information shown in Figure 3. This spreadsheet can help you communicate license reassignment requirements to S&C. Enter the license assignment changes in the spreadsheet, and attach it to an email to **CustomerPortal@sandc.com** with “Asset Assignment Requirements” entered in the subject field. Include the name of the company that owns the IntelliTeam SG licenses in the body of the email.

	A	B	C	D	E	F	G
	Asset Name	Oracle Serial Number	Oracle Sales Order Number	Oracle Ship Date	Oracle Customer PO Number	Designer Slot Assigned	License Type
42	6802SCE-DS005	6802-0019-000002	327274	2/6/2012	313676	TRUE	Gold
43	6802SCE-DS005	6802-0019-000001	327274	2/6/2012	313676	TRUE	Gold
44	6802SCE-DS006	6802-0021-000001	327274	2/9/2012	346994	TRUE	Gold
45	6802SCE-DS006	6802-0021-000002	327274	2/9/2012	346994	TRUE	Gold
46	6802SCE-DS007	6802-0026-000012	345804	7/13/2012	346994	FALSE	Bronze
47	6802SCE-DS007	6802-0026-000006	333492	4/18/2012	346994	FALSE	Bronze
48	6802SCE-DS007	6802-0026-000008	333492	4/18/2012	327412	FALSE	Bronze
49	6802SCE-DS007	6802-0026-000004	333492	3/19/2012	329244	FALSE	Bronze
50	6802SCE-DS007	6802-0026-000003	333492	3/19/2012	329244	FALSE	Bronze
51	6802SCE-DS007	6802-0026-000011	333492	5/18/2012	318653	FALSE	Bronze
52	6802SCE-DS007	6802-0026-000010	333492	5/18/2012	346994	FALSE	Bronze
53	6802SCE-DS007	6802-0026-000009	333492	5/18/2012	346994	FALSE	Bronze
54	6802SCE-DS007	6802-0026-000013	355600	8/24/2012	346994	TRUE	Bronze
55	6802SCE-DS007	6802-0026-000001	331450	3/19/2012	346994	TRUE	Bronze
56	6802SCE-DS007	6802-0026-000002	331450	3/19/2012	346994	FALSE	Bronze
57	6802SCE-DS007	6802-0026-000007	333492	4/18/2012	346994	FALSE	Bronze

Figure 3. Asset Export example.

Licenses

The **Licenses** field provides a list of licenses and the associated part numbers that are not shown in the **Account Details** field. See Figure 4.

Action	Licensed Products	Oracle Item Number	Quantity	Oracle Sales Order Number	Oracle Sales Order Date
	Designer Slot x 100	008-007006-02	10		
	Designer License	008-009999-99	100		
	IntelliRupter Gold License	008-007101-01	100		
	IntelliRupter Silver License	008-007101-02	100		
	IntelliNode Gold License	008-007102-01	100		
	IntelliNode Silver License	008-007102-02	100		
	IntelliRupter Gold License	008-007101-01	100		
	Designer License	008-009999-99	1		
	8800 Gold License	008-007103-01	100		
	Designer License	008-009999-99	100		

Figure 4. Licenses field.

Authorized Users

The **Authorized Users** field shows the MAC addresses and the applications to which they are assigned. Each MAC address with an IntelliTeam SG application assigned to it uses one IntelliTeam Designer license. If a computer is used for both IntelliLink® Remote Setup Software and IntelliTeam Designer, the user and computer MAC address will have multiple entries in the Authorized Users list, one entry for each application. See Figure 5.

Action	User Name	User Email Address	MAC address	Application	Created Date
	Gerald Solis	gerald.solis@sandc.com	00-24-E8-16-32-8A	SG	10/12/2010
	Lea Maurer	lea.maurer@sandc.com	00-21-70-C0-14-1F	SG	3/15/2011
	Chris McCarthy	christopher.mccarthy@sandc.com	00-1C-23-2C-4C-33	SG	3/15/2011
	Dave Klein	dave.klein@sandc.com	5C-26-0A-5D-B4-E7	SG	3/15/2011
	Michael Ross	mike.ross@sandc.com	00-1F-3C-CD-DB-72	SG	3/15/2011
	Angie Schuler	angela.schuler@sandc.com	00-21-70-C2-AF-AA	SG	3/15/2011
	Tim Matchett	tim.matchett@sandc.com	00-21-70-9B-9D-B8	SG	3/15/2011
	Stephen King	stephen.king@sandc.com	00:21:70:C5:3F:F4	SG	3/15/2011
	Nick Hoang	nick.hoang@sandc.com	5C-26-0A-66-76-F6	SG	3/15/2011
	John Macek	john.macek@sandc.com	00-21-70-C0-1A-1E	SG	3/15/2011

Figure 5. Authorized Users field.

Assets

A complete list of all IntelliTeam SG assets is displayed in the **Assets** field. This is where you select an individual asset to edit Designer Slot and Feature License assignments.

Only a few records are shown (see Figure 6). Click the **Go to list (50+)** link at the bottom of the field, and the list will expand and provide sorting functions for the column headers (see Figure 7).

Action	Asset Name	Oracle Serial Number	Oracle Sales Order Number	Oracle Ship Date	Oracle Customer PO Number	Designer Slot Assigned	License Type
	INTELLIRUPTER-808020	99-0000001		3/15/2011		✓	Gold
	INTELLIRUPTER-808020	99-0000002		3/15/2011		✓	Gold
	INTELLIRUPTER-808020	99-0000003		3/15/2011		✓	Gold
	INTELLIRUPTER-808020	99-0000004		3/15/2011		✓	Gold
	INTELLIRUPTER-808020	99-0000005		3/15/2011		✓	Gold
	INTELLIRUPTER-808020	99-0000006		3/15/2011		✓	Gold
	INTELLIRUPTER-808020	99-0000007		3/15/2011		✓	Gold
	INTELLIRUPTER-808020	99-0000008		3/15/2011		✓	Gold
	INTELLIRUPTER-808020	99-0000009		3/15/2011		✓	Gold
	INTELLIRUPTER-808020	99-0000010		3/15/2011		✓	Gold

Show 10 more » | [Go to list \(55+\)](#) »

Figure 6. Assets field on the IT-SG Licensing tab.

Assets for S&C Electric Company							
Account: S&C Electric Company							
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other A							
Asset Name	Oracle Serial Number	Oracle Sales Order Number	Oracle Ship Date	Oracle Customer PO Number	Designer Slot Assigned	License Type	
INTELLIRUPTER-1027443	08-0005187	323,118	4/13/2012		✓	Gold	
INTELLIRUPTER-1027443	08-0005687	332,181	10/3/2012		✓	Gold	
INTELLIRUPTER-1044035	08-0005727	323,118	10/22/2012		✓	Gold	
INTELLIRUPTER-1044035	08-0005941	362,518	3/25/2013		✓	Gold	
INTELLIRUPTER-1239122	08-0005804	351,979	3/25/2013		✓	Gold	
INTELLIRUPTER-1239128	08-0005800	351,979	3/25/2013		✓	Gold	
INTELLIRUPTER-1239128	08-0005970	351,979	3/25/2013		✓	Gold	
INTELLIRUPTER-1239128	08-0005801	351,979	3/25/2013		✓	Gold	
INTELLIRUPTER-1352999	08-0006075	351,979	3/25/2013		✓	Gold	
INTELLIRUPTER-1352999	08-0006076	351,979	3/25/2013		✓	Gold	
INTELLIRUPTER-1352999	08-0006117	351,979	3/25/2013		✓	Gold	
INTELLIRUPTER-1352999	08-0006077	351,979	4/25/2013		✓	Gold	
INTELLIRUPTER-1364918	08-0006119	351,979	4/25/2013		✓	Gold	
INTELLIRUPTER-1426988	08-0006327	351,979	4/25/2013		✓	Gold	
INTELLIRUPTER-732294	08-0001813	240,634	2/15/2010		<input type="checkbox"/>	None	
INTELLIRUPTER-742177	08-0003489	291,369	4/22/2011		<input type="checkbox"/>	Bronze	
INTELLIRUPTER-742177	08-0003738	292,796	6/29/2011		✓	Bronze	

Show me fewer ▲ / ▼ more records per list page

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other | A

<Previous Page | Next Page >

Figure 7. Expanded Asset List, sorted by asset name.

Asset Detail View

Clicking on the asset name opens the asset information in the **Asset Detail** view. Figure 8 shows an asset with a Gold license and Designer Slot assigned.

Asset Detail		Edit
Account	S&C Electric Company	
Asset Name	INTELLIRUPTER-1027443	
Oracle Description	248822-C0P262-S120 15.5 KV 60 HZ DISCONNECT STYLE PAD MOUNT INTELLIRUPTER	
Oracle Serial Number	08-0005187	
Oracle Ship Date	4/13/2012	
Oracle Sales Order Number	323,118	
Oracle Customer PO Number		

IntelliTEAM Designer Licensing	
License Type	Gold
License Status	Downgrade Permitted
Designer Slot Assigned	<input checked="" type="checkbox"/>
Designer Slot Status	Un-assign Permitted

Figure 8. Asset Detail field.

Edit Asset

To edit the asset, click the **Edit** button to view the same information in **Edit** mode. In **Edit** view, you can add a note, change the license type, and assign or un-assign a Designer Slot. Note that only an automatically assigned slot can be un-assigned, and only an automatically assigned Silver or Gold license can be downgraded. See Figure 9.

Asset Edit		Save	Cancel
Asset Information ! = Required Information			
Account	S&C Electric Company		
Name	INTELLIRUPTER-1027443		
Oracle Description	248822-C0P262-S120 15.5 KV 60 HZ DISCONNECT STYLE PAD MOUNT INTELLIRUPTER		
Oracle Serial Number	08-0005187		
Oracle Ship Date	4/13/2012		
Oracle Sales Order Number	323118		
Oracle Customer PO Number			
Customer Note	<input type="text"/>		

IntelliTEAM Designer Licensing	
License Type	Bronze Silver Gold
Designer Slot Assigned	<input checked="" type="checkbox"/>

Figure 9. Asset Edit field.

In the **Asset Edit** view, text can be added or changed in the **Customer Note** field, up to 255 alphanumeric characters can be entered.

Reassignment

The asset shown in Figure 8 was an automatically assigned asset so you can modify its license assignment. Before entering **Edit** mode, you can review the **License Status** field to determine whether a downgrade is possible. License upgrades are always permitted. You can also check the **Designer Slot Status** field to determine whether you can un-assign the slot.

To un-assign a slot, simply click the Designer Slot Assigned check box to uncheck it. Then when you click on the **Save** button, the Designer Slots Assigned count will decrement, indicating the slot is available for assignment to a different asset.

To un-assign a Gold license, select a Silver or Bronze license, assuming that either is available. In Figure 9, a Bronze license was selected, the IntelliRupter Gold Licenses Assigned count will decrement, and the IntelliRupter Bronze Licenses Assigned count will increment, indicating the Gold license is available for assignment to a different asset.

Reassignment Workflow

This is the reassignment workflow:

STEP 1. Locate the asset that has the unwanted assignment and click on the asset to put it into the **Detail View** field. You can type the asset serial number in the Search Customer Portal to find the asset. See Figure 10.

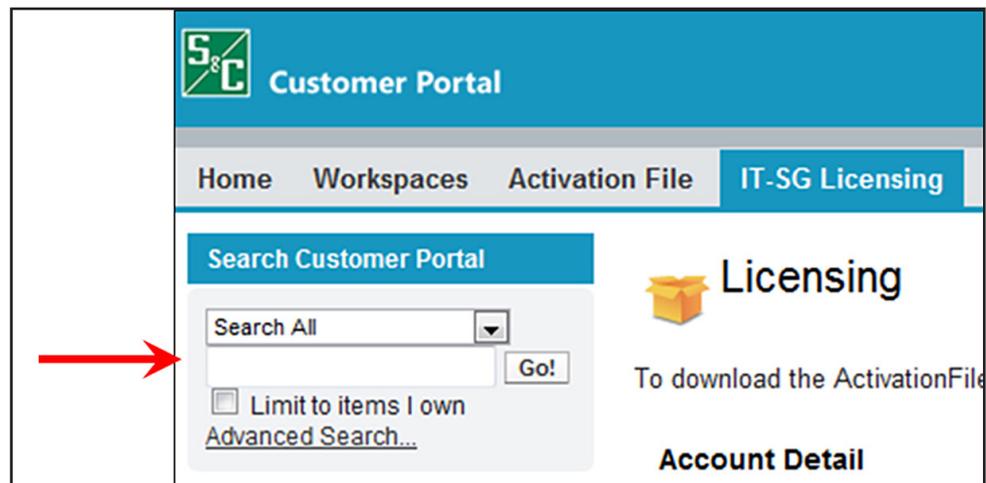


Figure 10. Search Customer Portal section.

- STEP 2.** Review the **License Status** and **Designer Slot Status** fields to determine whether the desired change is possible.
- STEP 3.** Click the **Edit** button to put the asset into the **Asset Edit** view.
- STEP 4.** Click on **Bronze** license type to un-assign a Silver or Gold license.
- STEP 5.** Click on the Designer Slot Assigned check box to un-assign a slot.
- STEP 6.** Locate the asset to receive the licenses, and click on the asset to put it into the **Detail View** mode.
- STEP 7.** Click on the **Edit** button to put the asset into the **Asset Edit** view.
- STEP 8.** Click on the desired license type to assign the desired Feature License.
- STEP 9.** Click on the Designer Slot Assigned check box to assign a slot.
- STEP 10.** Click on the **Save** button.

The S&C Automation Customer Support Portal is located in the S&C Electric Company website. You need a password to access the portal, and you can request your password on the Login page. Go to <http://www.sandc.com/en/support/sc-customer-portal>. See Figure 12.

If you see the **IT-SG Licensing** tab on the customer portal (see Figure 13), you have been registered to work with asset licensing for your utility. If the **IT-SG Licensing** tab is missing, please contact S&C Electric Company at 1-888-762-1100, for registration to use IntelliTeam SG licensing.

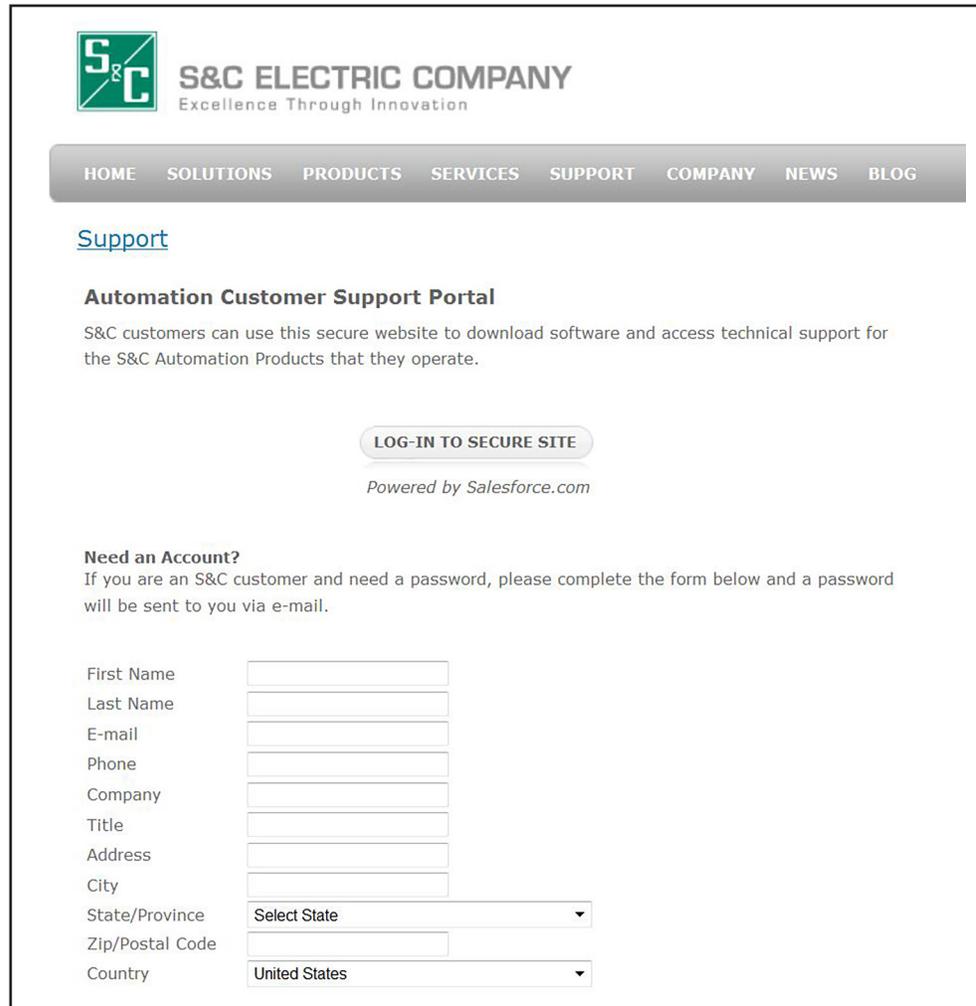


Figure 12. S&C Automation Customer Support Portal login screen.

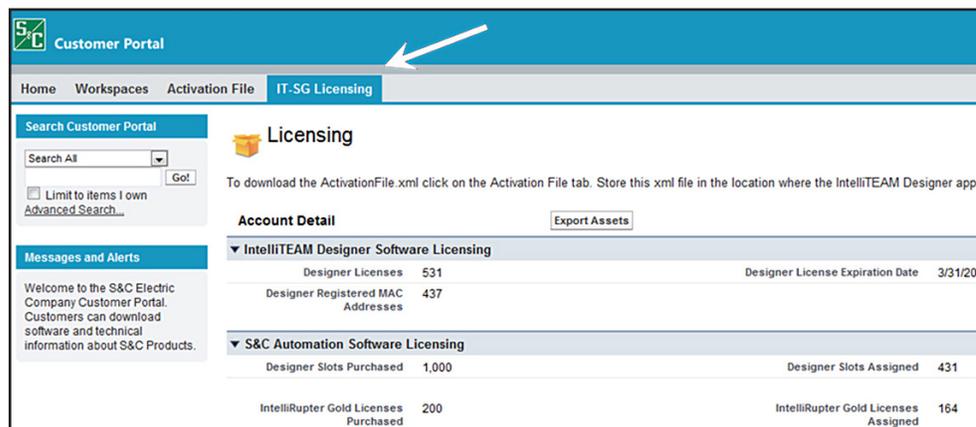


Figure 13. IT-SG Licensing tab.