

# SUPPRESSION DESIGN CENTER

## Online Estimating and Design Tool

The Suppression Design Center (SDC) helps quickly design and estimate fire suppression systems. The tool guides authorized users through the fire suppression system design process and develops an estimated bill of materials which can then be used to perform the hydraulic design calculations.

**Features:**

- Step-by-step input of key design parameters
- Quick and accurate calculations according to the selected design standard
- Modern hydraulic design platform

**Access to the SDC**

The center has two access levels:

- **Basic:** Includes system design requirements and bill of materials
- **Advanced:** Includes isometric pipe design and hydraulic flow calculations

**Note:** Each company should designate one individual to create the primary company account. This individual will, by default, become the Customer Administrator. Additional Customer Administrators and users can be created and modified after the primary account and license is set up.

## Steps for Registering for the SDC

**Create a Company Account:**

1. Open or download Google Chrome. The software functions fully in Google Chrome.
 

**Note:** One person (Customer Administrator) per company should create a company account; the Customer Administrator can then add more users.
2. Before the design software portion of the training, access the licensing tool via: <https://www.spk-lic.com> and click the "New Customer?" tab.
 

Or, [www.suppressiondesigncenter.com](http://www.suppressiondesigncenter.com) - click the "New User" tab.
3. Select the product family and product to be registered.
  - a. Product Family – Special Hazards
  - b. Product – Suppression Design Center
  - c. Subproduct – select the appropriate sub-product/brand.
    - c1. Basic – Gives access to project overview and Bill of Materials.
    - c2. Advanced – Gives access to hydraulic calculations.
    - c3. List prices – Gives access to see list prices in the selected currency.
    - c4. More than one can be selected by holding the control key (Ctrl) while selecting.

- c5. Set maximum number of users to the number of people within the company who will have access, minimum recommended setting is 5 users. (Number of users can be updated later.)
- c6. If a brand or product is selected that is not on the contract – the license request will not be processed for that product or brand.
- c7. If an advanced level product is selected, then the terms and conditions must be accepted, the PO number must be referenced, and the PO document must be attached, see Figure No. 1.

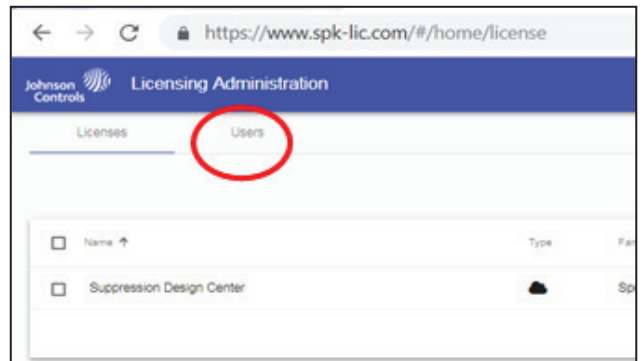


**FIGURE NO. 1**

- d. Once complete and submitted, a username and password will be sent to the registered email and will default the role to Customer Administrator when the JCI Support User has reviewed and approved the request. **Note:** The license review process is not automated and is controlled through dedicated Johnson Controls staff for review and authorization of licenses. This review process may take a couple of days.

**Manage User Access:**

1. The Customer Administrator should login to [www.spk-lic.com](http://www.spk-lic.com) to manage accounts for other users within the company.
2. Go to "Users" tab, see Figure No. 2.



**FIGURE NO. 2**

3. Click the "Add User" button, see Figure No. 3.



**FIGURE NO. 3**

4. Fill in prompted information in the add user window and click the "Add" button, the pop-up window will close. The license for the user will then need to be modified.

## Steps for Registering for the SDC (Continued)

### Manage user access (Continued):

- Click the User name for modification, then click "Assign Licenses," see Figures No. 4 and 5.

**Note:** Only modify the license for one user at a time.

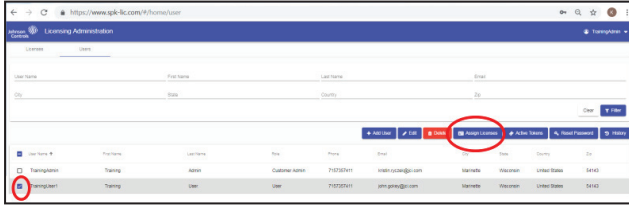


FIGURE NO. 4

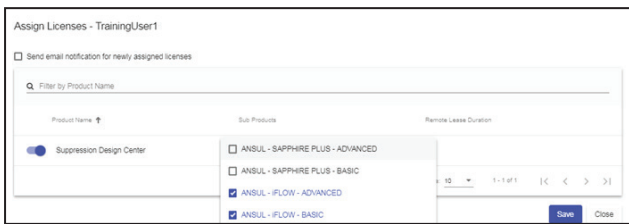


FIGURE NO. 5

- Click the access bar to turn-on the Suppression Design Center. When "on" the bar will be purple.
- In sub-products, only check the basic and advanced access for the product line the individual will be using. (Figure No. 5 is correct for the iFLOW product line.)
  - As the company updates the software with additional products, the license can be managed for individual users. Example: an individual could have access to all products on the company license or a select few.
- Click Save, and the pop-up window closes.
- Repeat Steps 2 through 8 until the necessary users and the license management is complete.

## Changing Passwords

- The User Administrator role can change the password for a user.
  - Click the check box next to the user whose password needs to be changed.
  - Click "Reset Password."
  - The first pop-up window; the User Administrator needs to put in "THEIR" password as a way to verify you have permission to change the password. Click "Authenticate."
  - Either click "Send password reset instruction email" or type in a password that meets all the requirements. Click "Update."
- Any user can change their own password by clicking the "Change Password" option from the drop down menu in the top right corner.

## Managing Licences

### Modify sub-products, update number of users, and extend license duration:

- The User Administrator should login to [www.spk-lic.com](http://www.spk-lic.com) to manage the licences for the company.
- Go to the "Licences" tab.
- Select Suppression Design Center.
- Click "Modify License Request." See Figure No. 6.

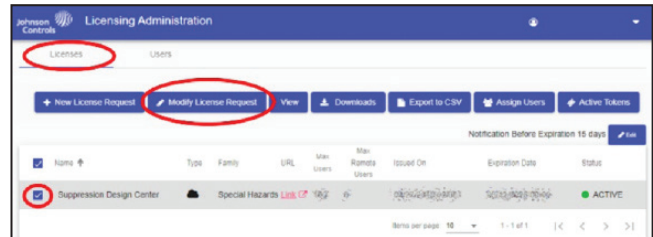


FIGURE NO. 6

- Select the checkbox at the modification of the sub-products for adding or removing licences.
  - Select the desired sub-products on the left hand side. It is possible to choose multiple options from the list by holding the Ctrl key.
 

**Note:** If an advanced level product is selected, then the terms and conditions must be accepted, the PO number must be referenced, and the PO document must be attached for the annual license fee.
  - Click the black arrow (→) to move the product to the "Selected Sub Products" group on the right hand side. See Figure No. 7.

**Note:** Any already paid license fees related to the removed sub-product will be forfeited.

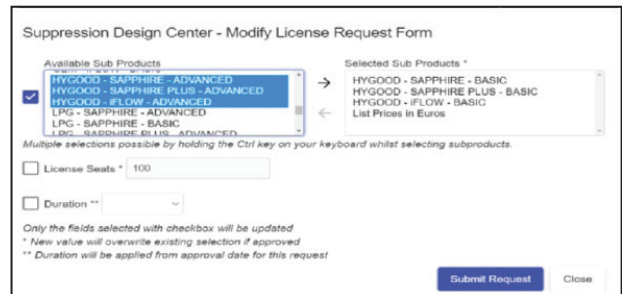


FIGURE NO. 7

- Only select the checkbox at the maximum number of users if the users need to be updated.
  - Set the maximum number of users.
- Select the checkbox at the duration of the license renewal.
  - Set to 12 months.
- Submit the request.

## Ordering Information and License Fees

- Basic: Free of charge for authorized partner companies.
- Advanced: A yearly fee applies (Part No. SDC\_LICENSEFEE).

The Suppression Design Center has an annual license fee associated with the Advanced Access licences. There is one license fee per company that registers within the ACS license tool at [www.spk-lic.com](http://www.spk-lic.com) for the Suppression Design Center. The license fee covers all users and advanced products that the company is certified to design.

Any advanced license that is active will remain active until the next renewal date; at that time the licensing fee will apply.

## Tutorial Sessions

After completing the access steps, and you, or any additional Users that were created, have access to the Suppression Design Center, there are various recorded presentations showing the features and functionality for various products. These videos are located under the Support tab within the SDC.

## User Guides

Within the licensing tool and SDC there are user guides loaded to assist in managing access, projects, and system design. To view these documents, find the drop down menu near the user name on the top right of the page on the different sites.

## Available Product Lines

Visit [www.suppressiondesigncenter.com](http://www.suppressiondesigncenter.com) to view the products available for bill of material generation and hydraulic calculations.

