Mobile LightSync Link
App Programing Guide
Revision 2

Overview:

The Mobile LightSync Link App emulates LightSync input devices used to control ILC relays and dimmer outputs from an Android or Apple mobile device. The Mobile LS Link App supports multiple user configured screens, to which control buttons and slide dimmers can be added. The App uses a Wifi connection to the LS SIICM TCP/IP module and is programmed in the ILC panel as LightSync input devices.
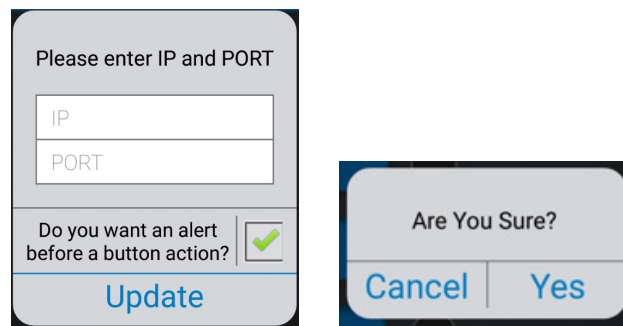
Installation:

Download the ILC Mobile LightSync Link App from Google Play store or the Apple App store.
Install the ILC Mobile LightSync Link App on your Android or iOS device.

Consult with your IT system controller to coordinate any LS-SIICM TCP/IP settings and wireless Wifi router or access point settings. You will also need to consult with your ILC system programmer for LightSync address settings designated for the LS-SIICM to be used by the Mobile LS Link App (ID0624).
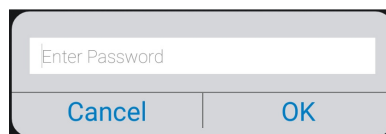
Configuration:

After launching the App, enter the IP address assigned to the LS SIICM TCP/IP module and the Port setting of **502**.

You also have an option for selecting an alert to be given for each button action. If selected, a dialog box will appear when a button action is used, alerting the user to select YES or to CANCEL the action.
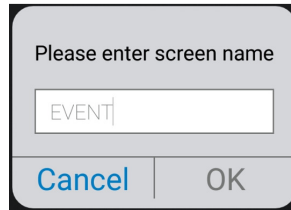
In the upper right-hand corner of the navigation screen, press Add to create a new control screen. Enter the App password, and then press OK to proceed.
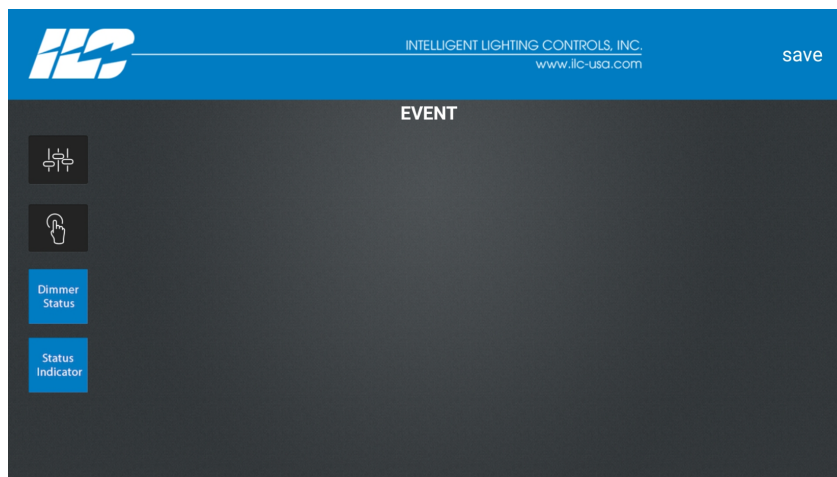

Note: Consult ILC for the Password settings.

Enter the screen name which will be displayed at top center of the control screen.

Please enter screen name

EVENT

Cancel | OK
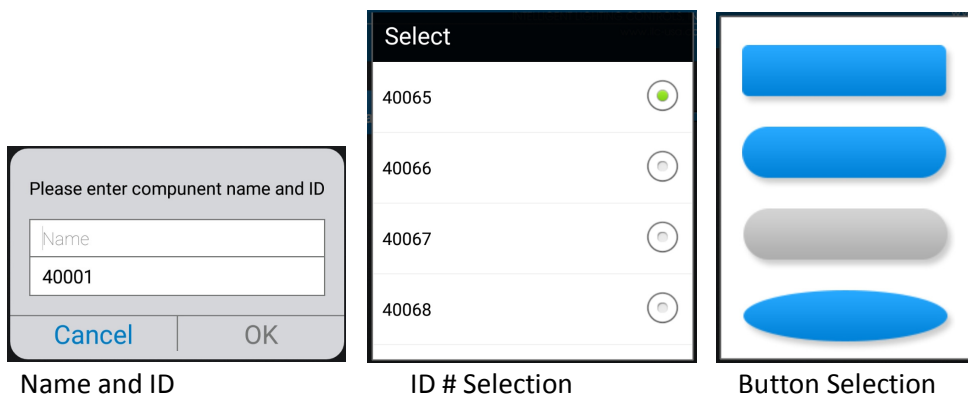
The Edit screen is now shown with the four edit option buttons on the left.

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save

EVENT

Dimmer Status

Status Indicator

- o **Slide Dimmer** - dimmer control Icon, emulates a LightSync Photo sensor
- o **Touch Button** – control button Icons, emulates a LightSync input button
- o **Dimmer Status** - 0-100% dimmer status display, directly reads a dimmer output
- o **Status Indicator** - LightSync status Icon, indicates a LightSync input status

Each of the 4 Icon types will follow the same programming procedure.
Enter the component name if desired and select the ID #

Select

40065

40066

40067

40068

Please enter compunent name and ID

Name

40001

Cancel | OK

Name and ID   ID # Selection   Button Selection

Refer to the Mobile LightSync Link App ID point mapping chart (See Page 5) to select the
ID points based on the LightSync LS SCIIM module settings (see PD0622 & ID0624).
Note: Status Indicator and Dimmer Status icons do not display the name information
and is used for reference only.
The Icon will appear on the screen at the left, press and hold the icon until it highlights,
And move it to the desired location. Press Save to exit the screen editing operation.
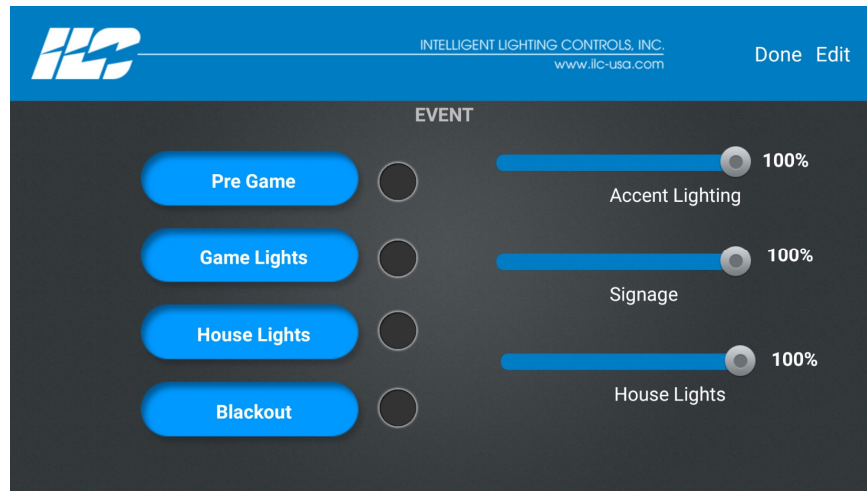
To return to the main navigation screen press Done, press Edit to make additional changes
to the control screen.

On the main screen, a navigation button will be shown for each control screen you have
configured, press the Icon to enter the control screen.
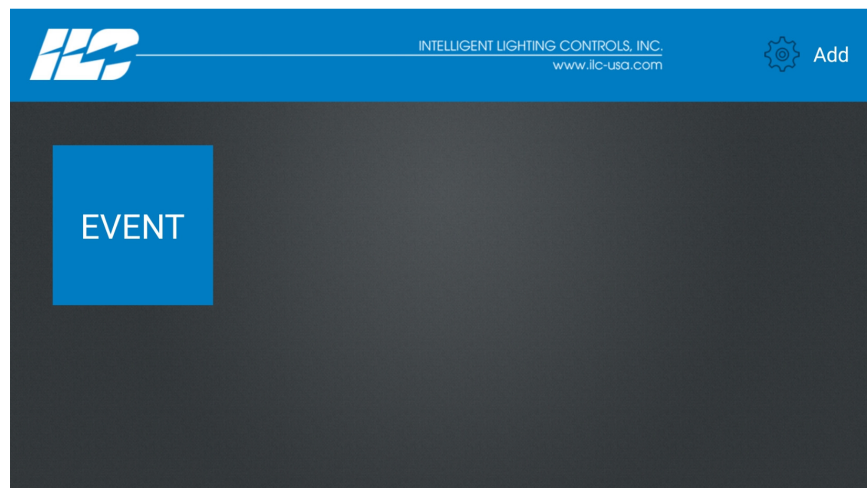
Select Add to create a new control screen, or the Settings Icon
to enter the App settings options.

Deleting a Screen:
Hold the Navigation button for the screen to be deleted to get the delete alert prompt.

Are yor sure to delete the Screen?

| No | Yes |
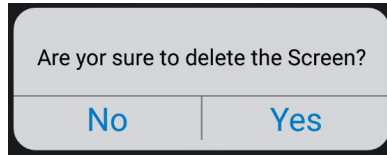
Press Yes to delete the screen

Deleting or Editing an Icon:
Enter the screen and select Edit, then tap the Icon to be removed or edited.
Select "Yes" to delete the icon, or select "Edit" to make changes.

Are yor sure to delete the Screen?

| Edit | Yes |
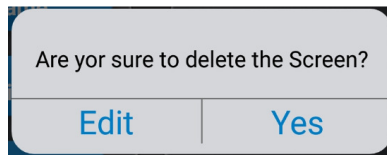
Note: This *will not* Delete the Screen, only the selected Icon on the screen

On the Mobile LightSync Link App ID point mapping chart you will find the ID's listed for all 4 Icon types. Each ID point is in sequential order starting at the first LS device address for the LSSIICM. This is based on the first address or base address. Refer to PD0622 and ID0624 for more details.

Note: The slide dimmers will occupy a photosensor type "LS PC" device in the LightSync network. Each LightSync address can only be used *once* in a network. If the 5th LS device (ID 40005) is used as a LS PC for a slide dimmer, then ID 1057 to 1064 (5th LS device) cannot be used for a Button Icon, proceed to the next available LightSync address and related component ID.

Mobile LightSync Link App ID Point Mapping Chart

Touch Button Component ID			Status Indicators Component ID			Slide Dimmer Component ID		Dimmer Status % Component ID	
ID Point	LS Device	Inputs	ID Point	LS Device	Pilot	ID Point	LS PC Device	ID Point	LS Dimmer Output
1025-1032	1st	1-8	0513-0520	1st	1-8	40001	1st	40065	1.1
1033-1040	2nd	1-8	0521-0528	2nd	1-8	40002	2nd	40066	1.2
1041-1048	3rd	1-8	0529-0536	3rd	1-8	40003	3rd	40067	1.3
1049-1056	4th	1-8	0537-0544	4th	1-8	40004	4th	40068	1.4
1057-1064	5th	1-8	0545-0552	5th	1-8	40005	5th	40069	2.1
1065-1072	6th	1-8	0553-0560	6th	1-8	40006	6th	40070	2.2
1073-1080	7th	1-8	0561-0568	7th	1-8	40007	7th	40071	2.3
1081-1088	8th	1-8	0569-0576	8th	1-8	40008	8th	40072	2.4
1089-1096	9th	1-8	0577-0584	9th	1-8	40009	9th	40073	3.1
1097-1104	10th	1-8	0585-0592	10th	1-8	40010	10th	40074	3.2
1105-1112	11th	1-8	0593-0600	11th	1-8	40011	11th	40075	3.3
1113-1120	12th	1-8	0601-0608	12th	1-8	40012	12th	40076	3.4
1121-1128	13th	1-8	0609-0616	13th	1-8	40013	13th	40077	4.1
1129-1136	14th	1-8	0617-0624	14th	1-8	40014	14th	40078	4.2
1137-1144	15th	1-8	0625-0632	15th	1-8	40015	15th	40079	4.3
1145-1152	16th	1-8	0633-0640	16th	1-8	40016	16th	40080	4.4
1153-1160	17th	1-8	0641-0648	17th	1-8	40017	17th	40081	5.1
1161-1168	18th	1-8	0649-0656	18th	1-8	40018	18th	40082	5.2
1169-1176	19th	1-8	0657-0664	19th	1-8	40019	19th	40083	5.3
1177-1184	20th	1-8	0665-0672	20th	1-8	40020	20th	40084	5.4
1185-1192	21st	1-8	0673-0680	21st	1-8	40021	21st	40085	6.1
1193-1200	22nd	1-8	0681-0688	22nd	1-8	40022	22nd	40086	6.2
1201-1208	23rd	1-8	0689-0696	23rd	1-8	40023	23rd	40087	6.3
1209-1216	24th	1-8	0697-0704	24th	1-8	40024	24th	40088	6.4
1217-1224	25th	1-8	0705-0712	25th	1-8	40025	25th	40089	7.1
1225-1232	26th	1-8	0713-0720	26th	1-8	40026	26th	40090	7.2
1233-1240	27th	1-8	0721-0728	27th	1-8	40027	27th	40091	7.3
1241-1248	28th	1-8	0729-0736	28th	1-8	40028	28th	40092	7.4
1249-1256	29th	1-8	0737-0744	29th	1-8	40029	29th	40093	8.1
1257-1264	30th	1-8	0745-0752	30th	1-8	40030	30th	40094	8.2
1265-1272	31st	1-8	0753-0760	31st	1-8	40031	31st	40095	8.3
1273-1280	32nd	1-8	0761-0768	32nd	1-8	40032	32nd	40096	8.4
1281-1288	33rd	1-8	0769-0776	33rd	1-8	40033	33rd	40097	9.1
1289-1296	34th	1-8	0777-0784	34th	1-8	40034	34th	40098	9.2
1297-1304	35th	1-8	0785-0792	35th	1-8	40035	35th	40099	9.3
1305-1312	36th	1-8	0793-0800	36th	1-8	40036	36th	40100	9.4
1313-1320	37th	1-8	0801-0808	37th	1-8	40037	37th	40101	0A.1

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Touch Button Component ID			Status Indicators Component ID			Slide Dimmer Component ID		Dimmer Status % Component ID	
ID Point	LS Device	Inputs	ID Point	LS Device	Pilot	ID Point	LS PC Device	ID Point	LS Dimmer Output
1321-1328	38th	1-8	0809-0816	38th	1-8	40038	38th	40102	0A.2
1329-1336	39th	1-8	0817-0824	39th	1-8	40039	39th	40103	0A.3
1337-1344	40th	1-8	0825-0832	40th	1-8	40040	40th	40104	0A.4
1345-1352	41st	1-8	0833-0840	41st	1-8	40041	41st	40105	0B.1
1353-1360	42nd	1-8	0841-0848	42nd	1-8	40042	42nd	40106	0B.2
1361-1368	43rd	1-8	0849-0856	43rd	1-8	40043	43rd	40107	0B.3
1369-1376	44th	1-8	0857-0864	44th	1-8	40044	44th	40108	0B.4
1377-1384	45th	1-8	0865-0872	45th	1-8	40045	45th	40109	0C.1
1385-1392	46th	1-8	0873-0880	46th	1-8	40046	46th	40110	0C.2
1393-1400	47th	1-8	0881-0888	47th	1-8	40047	47th	40111	0C.3
1401-1408	48th	1-8	0889-0896	48th	1-8	40048	48th	40112	0C.4
1409-1416	49th	1-8	0897-0904	49th	1-8	40049	49th	40113	0D.1
1417-1424	50th	1-8	0905-0912	50th	1-8	40050	50th	40114	0D.2
1425-1432	51st	1-8	0913-0920	51st	1-8	40051	51st	40115	0D.3
1433-1440	52nd	1-8	0921-0928	52nd	1-8	40052	52nd	40116	0D.4
1441-1448	53rd	1-8	0929-0936	53rd	1-8	40053	53rd	40117	0E.1
1449-1456	54th	1-8	0937-0944	54th	1-8	40054	54th	40118	0E.2
1457-1464	55th	1-8	0945-0952	55th	1-8	40055	55th	40119	0E.3
1465-1472	56th	1-8	0953-0960	56th	1-8	40056	56th	40120	0E.4
1473-1480	57th	1-8	0961-0968	57th	1-8	40057	57th	40121	0F.1
1481-1488	58th	1-8	0969-0976	58th	1-8	40058	58th	40122	0F.2
1489-1496	59th	1-8	0977-0984	59th	1-8	40059	59th	40123	0F.3
1497-1504	60th	1-8	0985-0992	60th	1-8	40060	60th	40124	0F.4
1505-1512	61st	1-8	0993-1000	61st	1-8	40061	61st	40125	10.1
1513-1520	62nd	1-8	1001-1008	62nd	1-8	40062	62nd	40126	10.2
1521-1528	63rd	1-8	1009-1016	63rd	1-8	40063	63rd	40127	10.3
1529-1536	64th	1-8	1017-1024	64th	1-8	40064	64th	40128	10.4