



HOW TO CREATE AND DOWNLOAD A SOPAS FILE

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SICK
Sensor Intelligence.

Double click on tile (scanner image) to bring up scanner.

The screenshot displays the SICK Engineering Tool software interface. The main window is titled "New Project" and features a menu bar with "Project", "Device", "Parameter", "View", "Tools", and "Help". Below the menu bar is a toolbar with icons for file operations. The central workspace shows a "New Project" area with a red-bordered tile for a "CLx69x (CLx69x)" scanner. This tile includes a scanner image, "Online", "Login", and "Connection" buttons, and displays the following information: "Version: V1.5.0", "S/N: 12330024", "192.168.0.1-2111" (with a checked checkbox), and "Online" status with a green dot. To the right, a "Device search" panel is active, showing a search bar and a list of found devices: "CLx69x (CLx69x) 192.168.0.1-2111" and "CLx69x (CLx69x) 192.168.0.1-2112". At the bottom of the interface, there are buttons for "Search devices: Ethernet", "Search settings...", and "2 connection(s) found". A status bar at the very bottom indicates "Updates for device drivers available."

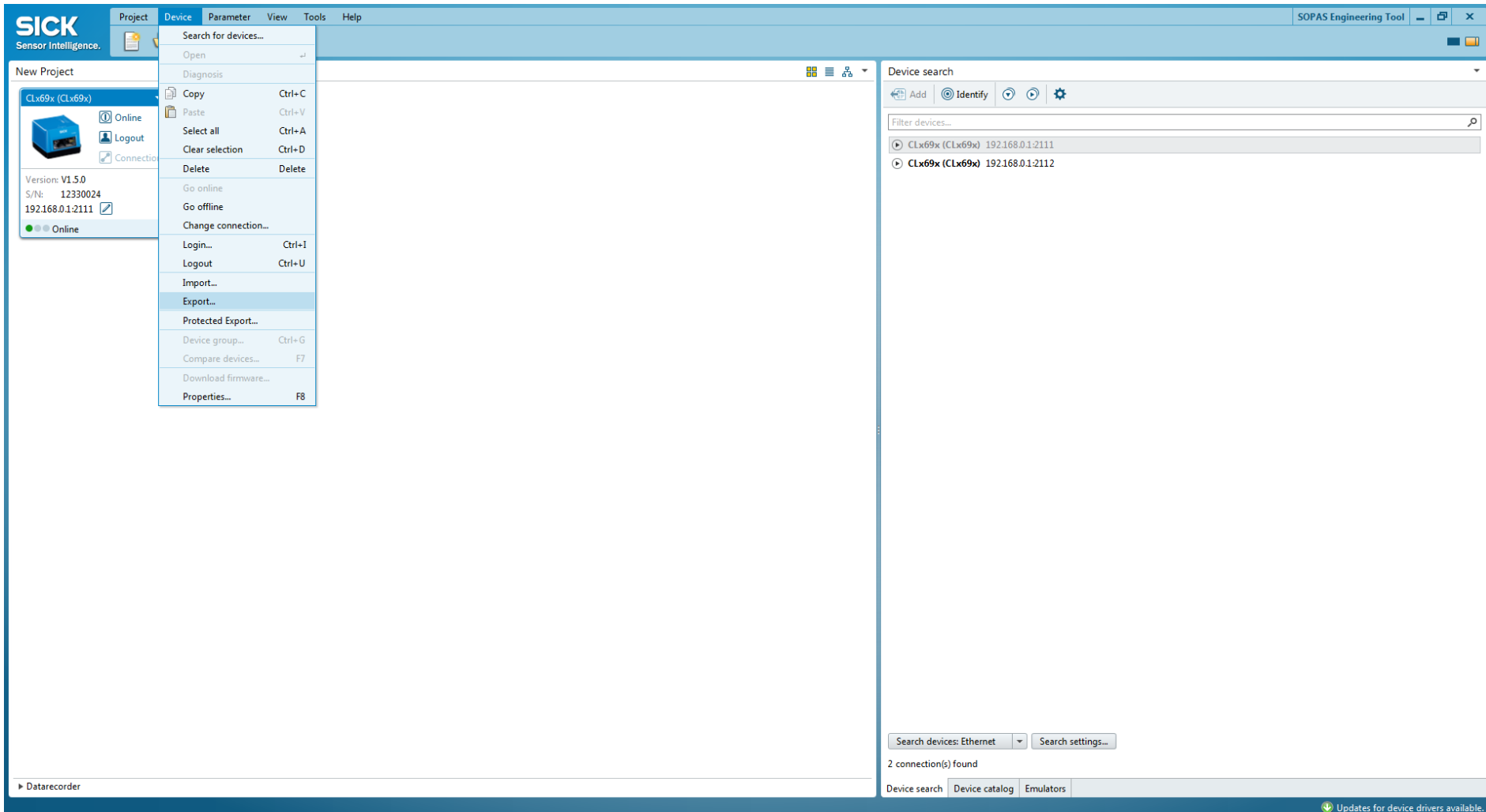
Make changes to parameters and go back to the main project screen.

The screenshot displays the SICK Engineering Tool software interface. The main window is titled 'CLx69x (CLx69x)' and shows the 'Parameter' configuration screen for the 'Reading Configuration' section. The left sidebar contains a tree view of the configuration hierarchy, including 'Quickstart', 'Parameter', 'Incremental Configuration', 'Code Configuration', 'Data Processing', 'Output Control', 'Application Counters', 'Network/Interface/IOs', 'Service', and 'Analysis'. The 'Reading Configuration' section is expanded, showing the following settings:

- Codelabel Properties:**
 - Scan frequency: 800 Hz (with a 'more ...' button)
 - Quiet zone ratio: Auto
 - Codelabel Quality: Standard
 - Minimum Reading Angle: 0 %
 - Maximum Reading Angle: 100 %
- Reading Area:**
 - Limit Reading Area:

The bottom status bar shows the device is 'Authorized Client', 'CLx69x (CLx69x)', '192.168.0.1:2111', 'online', 'synchronized', and 'Write immediately'. The bottom right corner indicates '2 connection(s) round' and 'Updates for device drivers available'.

To save file go to Device drop down menu and select Export.



Best practice use *.sopas file format and select Browse.

The screenshot displays the SICK SOPAS Engineering Tool interface. The main window is titled 'New Project' and shows a device 'CLx69x (CLx69x)' with status 'Online'. The 'Device search' panel on the right lists two devices: 'CLx69x (CLx69x) 192.168.0.1:2111' and 'CLx69x (CLx69x) 192.168.0.1:2112'. A dialog box titled 'Export device' is open in the center, showing 'Export configuration' options. The 'Select file format' section has 'SOPAS' selected with a radio button. Below it, the 'Select output file' field is empty, and the 'Browse' button is highlighted with a red rectangle. The 'Export' and 'Cancel' buttons are visible at the bottom of the dialog. The bottom status bar shows 'Datarecorder' and 'Updates for device drivers available.'

Give file name and click on Export.

The screenshot displays the SICK SOPAS Engineering Tool interface. The main window shows a 'New Project' area on the left with a device card for 'CLx69x (CLx69x)' which is 'Online'. The device card includes a version of V1.5.0, S/N: 12330024, and IP address 192.168.0.1-2111. On the right, the 'Device search' panel shows two search results for 'CLx69x (CLx69x)' with IP addresses 192.168.0.1-2111 and 192.168.0.1-2112. A central 'Export device' dialog box is open, titled 'Export configuration'. It allows selecting a file format: 'SOPAS' (selected), 'SDV', or 'SPR'. The 'Select output file' field contains the path 'C:\Users\stahiro\Desktop\CLx69x_CLx69x.sopas'. The dialog has 'Export' and 'Cancel' buttons. At the bottom right of the main window, there are search filters for 'Search devices: Ethernet' and 'Search settings...', and a status bar indicating '2 connection(s) found' and 'Updates for device drivers available'.

Downloading a file.

Start SOPAS and connect to CLV scanner.



The screenshot shows the SICK SOPAS Engineering Tool interface. The main window is titled "New Project" and is currently empty. On the right side, there is a "Device search" panel. This panel includes a search bar with the text "Filter devices..." and a search icon. Below the search bar, two device entries are listed:

- CLx69x (CLx69x) 192.168.0.1:2111
- CLx69x (CLx69x) 192.168.0.1:2112

At the bottom of the device search panel, there is a dropdown menu set to "Search devices: Ethernet" and a "Search settings..." button. Below this, it states "2 connection(s) found". At the very bottom of the interface, there is a status bar with the text "Updates for device drivers available." and a small green icon.

Double click or drag scanner to New Project side.

The screenshot displays the SICK SOPAS Engineering Tool interface. The main window is titled "New Project" and contains a sidebar with a device card for "CLx69x (CLx69x)". The card shows an "Online" status, a "Login" button, and a "Connection" button. Below the card, the device's version (V1.5.0), serial number (S/N: 12330024), and IP address (192.168.0.1-2111) are listed. The main area of the tool is divided into two panes. The right pane, titled "Device search", contains a search bar and a list of found devices. The first device in the list, "CLx69x (CLx69x) 192.168.0.1-2111", is highlighted with a red rectangular border. Below the list, there are search filters for "Search devices: Ethernet" and "Search settings...". At the bottom of the right pane, it indicates "2 connection(s) found" and provides tabs for "Device search", "Device catalog", and "Emulators". A status bar at the bottom right of the application window shows a green arrow icon and the text "Updates for device drivers available."

Double click on tile (scanner image) to bring up scanner.

The screenshot displays the SICK Engineering Tool interface. The top menu bar includes 'Project', 'Device', 'Parameter', 'View', 'Tools', and 'Help'. The main window is titled 'New Project' and features a 'Device search' panel on the right. The search results list two CLx69x (CLx69x) devices with IP addresses 192.168.0.1-2111 and 192.168.0.1-2112. A red box highlights a device tile in the 'New Project' area, which includes a scanner image, 'Online' status, 'Login' button, 'Connection' button, and device details: Version: V1.5.0, S/N: 12330024, and IP: 192.168.0.1-2111. The bottom status bar shows 'Datarecorder' and a notification for updates for device drivers.

Go back to main project screen.

The screenshot displays the SICK Engineering Tool software interface. The main window is titled 'New Project' and shows the 'Quickstart' configuration screen for a CLx69x (CLx69x) device. The interface includes a menu bar (Project, Device, Parameter, View, Tools, Help) and a toolbar with various icons. On the left, there is a sidebar with a tree view showing 'CLx69x (CLx69x)' and sub-items like 'Quickstart', 'Parameter', 'Service', and 'Analysis'. Below the sidebar, there is a status bar showing 'Version: V1.5', 'S/N: 1233', '192.168.0.1:2111', and 'Online'. The main content area is divided into several sections:

- Quickstart:** Contains input fields for 'Device Type' (CLV690-0000) and 'Device ID' (1), and a 'Quickstart' button.
- Code content table:** A table with columns: Code content, Index, Code ID, Code security, and Device ID. The values are all 0.
- Clear list:** A button below the table.
- Percentage Evaluation:** A section with a 'Start' and 'Stop' button.
- Adjusting Mode:** A section with a 'Start' and 'Stop' button.
- Barcode options:** Checkboxes for 'Codabar', 'Code 39', 'Code 93', 'UPC / GTIN / EAN', and 'Code 128 Family'. 'Code 39' and 'Code 128 Family' are checked.
- Scan frequency:** A dropdown menu set to '800 Hz' and a 'more ...' button.

At the bottom of the interface, there is a status bar with 'Context Help', 'Quickstart', and 'Authorized Client'. A taskbar at the very bottom shows 'Datarecorder', 'Device search', 'Device catalog', 'Emulators', and 'Updates for device drivers available'.

To download file go to Device drop down menu and select Import.

The screenshot displays the SICK SOPAS Engineering Tool interface. The 'Device' menu is open, showing options such as 'Search for devices...', 'Open', 'Copy', 'Paste', 'Select all', 'Clear selection', 'Delete', 'Go online', 'Go offline', 'Change connection...', 'Login...', 'Logout', 'Import...', 'Export...', 'Protected Export...', 'Device group...', 'Compare devices...', 'Download firmware...', and 'Properties...'. The 'Import...' option is highlighted. On the right, the 'Device search' panel shows a list of found devices: 'CLx69x (CLV69x) 192.168.0.1:2111' and 'CLx69x (CLV69x) 192.168.0.1:2112'. The interface also includes a 'New Project' section on the left with a device icon and status 'Online', and a 'Data recorder' section at the bottom left. The bottom right corner features a status bar with 'Search devices: Ethernet', 'Search settings...', '2 connection(s) found', and 'Updates for device drivers available.'

Select file to download.

The screenshot displays the SICK SOPAS Engineering Tool interface. On the left, a 'New Project' sidebar shows a 'CLx69x (CLV690)' device with version V1.5.0, S/N: 123300, and IP: 192.168.0.1-2111. The main window features a menu bar (Project, Device, Parameter, View, Tools, Help) and a toolbar. An 'Import ...' dialog box is open, showing a file explorer view of the Desktop. The file 'ZAB2205_Plant Floor SHM Parameters _ CLV690.sopas' is selected. The file name field contains 'ZAB2205_Plant Floor SHM Parameters _ CLV690.sopas' and the file type is set to 'SOPAS (*.sopas) SOPAS ET file'. The 'Device search' panel on the right shows a list of devices with the following details:

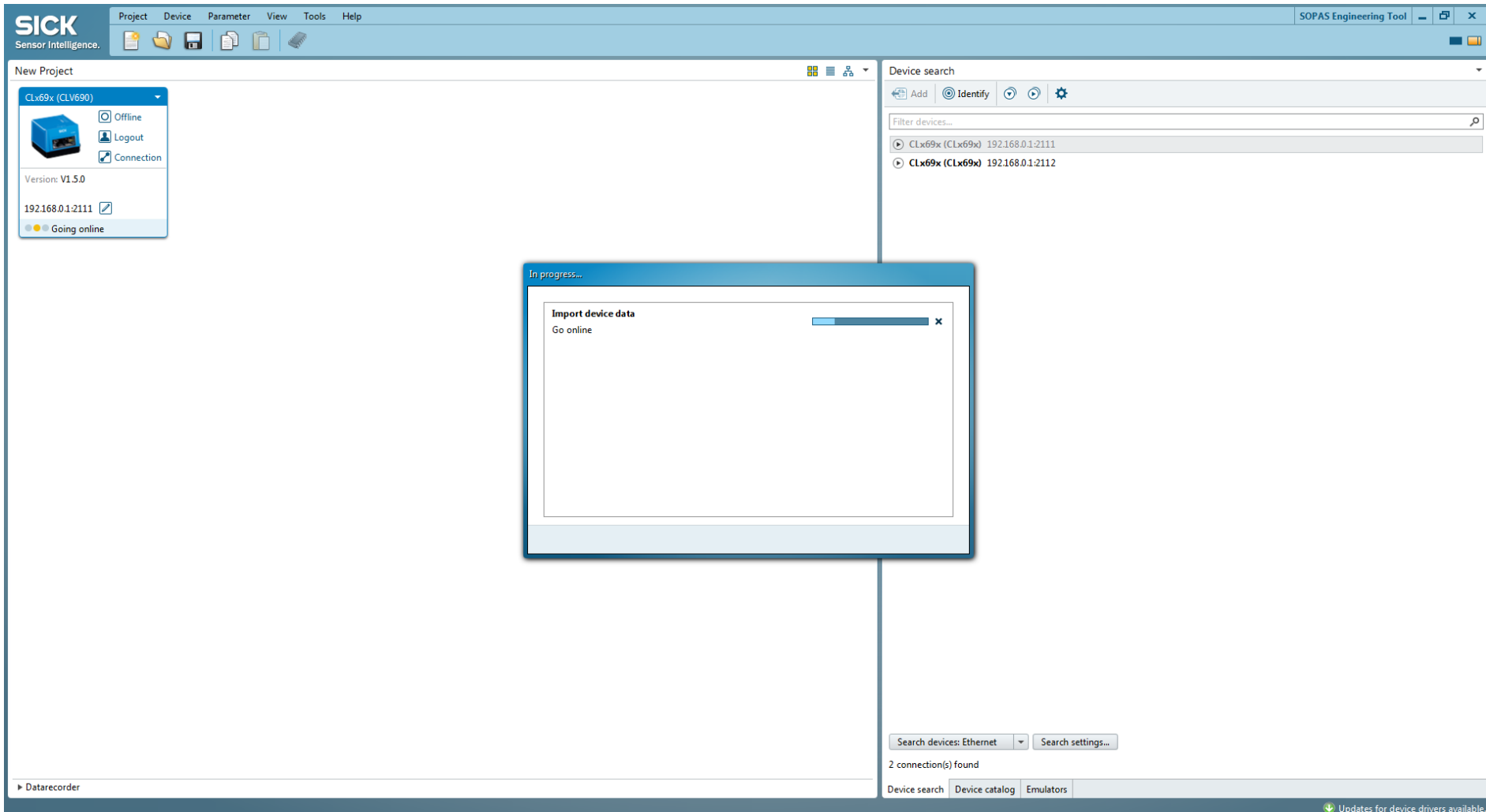
| Device Name | IP Address |
|-----------------|------------------|
| CLx69x (CLx69x) | 192.168.0.1-2111 |
| CLx69x (CLx69x) | 192.168.0.1-2112 |

At the bottom of the interface, there are buttons for 'Search devices: Ethernet', 'Search settings...', and 'Updates for device drivers available.' The status bar at the very bottom indicates '2 connection(s) found' and includes tabs for 'Device search', 'Device catalog', and 'Emulators'.

Click OK to start downloading.

The screenshot displays the SICK SOPAS Engineering Tool interface. The main window is titled 'New Project' and shows a device 'CLx69x (CLV690)' with status 'Online'. A 'User Credentials' dialog box is open in the center, prompting the user to 'Enter login data'. The dialog contains the following text: 'After the import the device will go online. Select a user level in order to go-online.' There are two radio button options: 'Use current userlevel' (which is selected) and 'user defined'. Below these are a 'Userlevel' dropdown menu set to 'Maintenance' and a 'Password' text input field. The 'OK' button is highlighted with a red rectangle. The right-hand side of the interface features a 'Device search' panel with a search bar and a list of two devices: 'CLx69x (CLx69x) 192.168.0.1:2111' and 'CLx69x (CLx69x) 192.168.0.1:2112'. At the bottom right, there is a status bar with 'Search devices: Ethernet', 'Search settings...', '2 connection(s) found', and 'Device search | Device catalog | Emulators'. A small green icon at the bottom right corner indicates 'Updates for device drivers available.'

File is being downloaded to CLV scanner.



The screenshot displays the SICK SOPAS Engineering Tool interface. The main window is titled "New Project" and shows a device card for "CLV69x (CLV690)". The device card includes a "Going online" indicator and a "192.168.0.1:2111" checkbox. A "Device search" panel on the right lists two connections: "CLV69x (CLV69x) 192.168.0.1:2111" and "CLV69x (CLV69x) 192.168.0.1:2112". A central dialog box titled "In progress..." is open, showing "Import device data" and "Go online" with a progress bar. The bottom status bar indicates "2 connection(s) found" and "Updates for device drivers available".

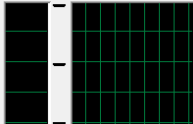
Go back to the scanner page and click on Save Permanent icon.

Quickstart

Device Type: Device ID:

| Code content | Index | Code ID | Code security | Device ID |
|--------------|-------|---------|---------------|-----------|
| | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 |

Clear list

0 %  **Percentage Evaluation** **Adjusting Mode**

Start Stop Start Stop

Codabar Code 39 UPC / GTIN / EAN

2/5 Interleaved Code 93 Code 128 Family

Scan frequency:

Context Help | Quickstart | Fieldbus Gateway

Authorized Client | CLx69x (CLV690) | 192.168.0.1:2111 | online | synchronized | Write immediately

2 connections found

Device search | Device catalog | Emulators

Updates for device drivers available.

MANY THANKS FOR YOUR
ATTENTION.

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