

IACBOX Application Control PRO

Step-by-step

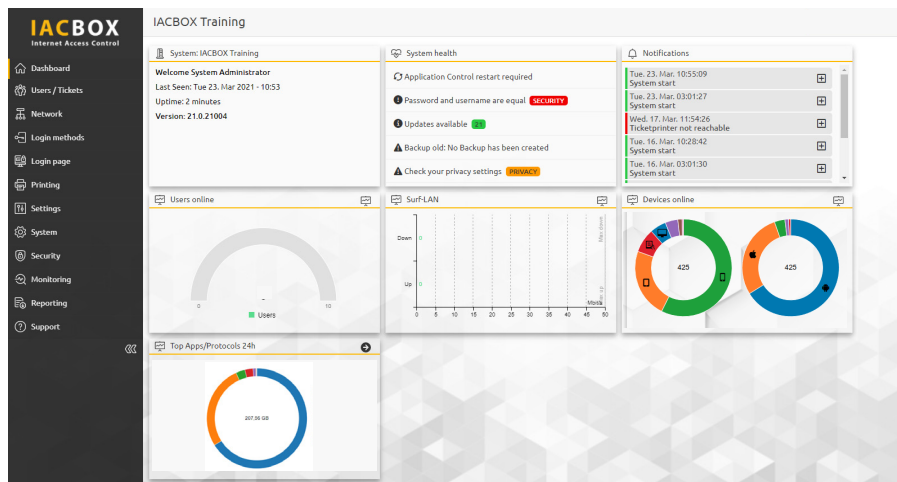
Application Control PRO

Status: ✔ Licensed

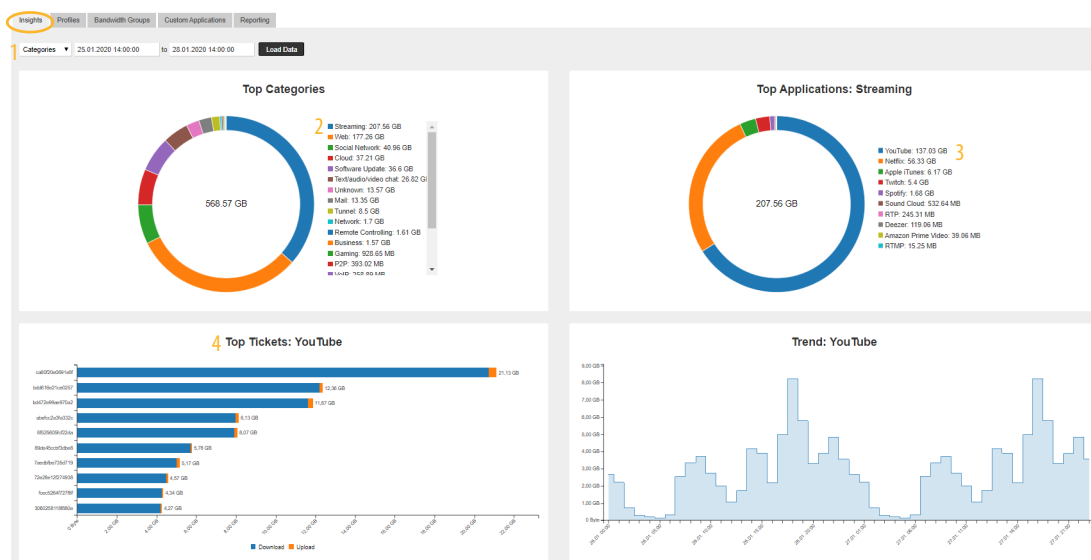
Service: Activate

Log in to the *WebAdmin* of your IACBOX. Via *Network > Application Control* you get directly into the menu. To start data evaluation, you have to enable the module by clicking on the *Activate* button.

As soon as the module is licensed, the *Dashboard* of your *WebAdmin* interface will display an evaluation of the applications generating most traffic over the last 24 hours.



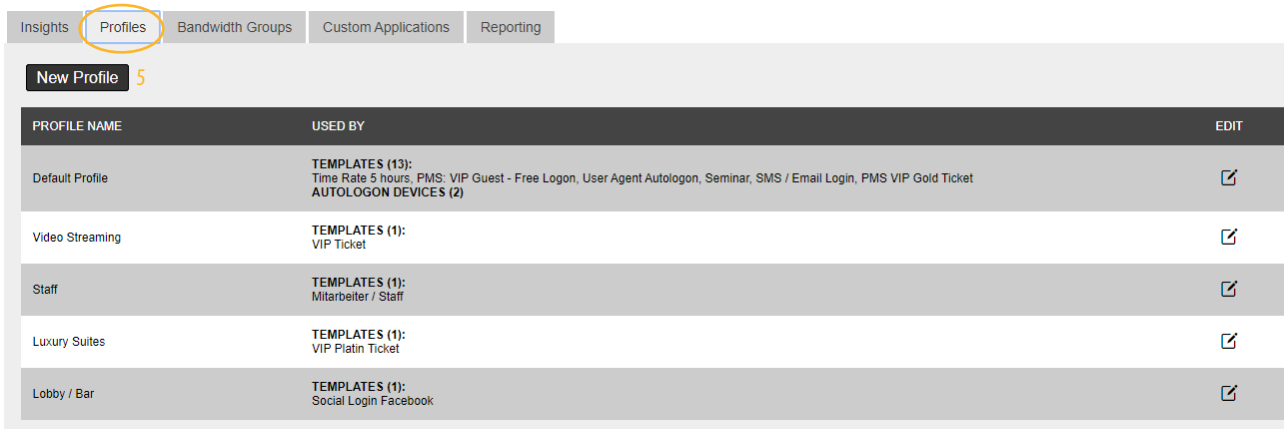
The arrow symbol takes you directly to the *Application Control* menu. After an hour, a diagram will appear. The relevance of the information displayed will increase after an appropriate period of time depending on the level of traffic on your IACBOX.



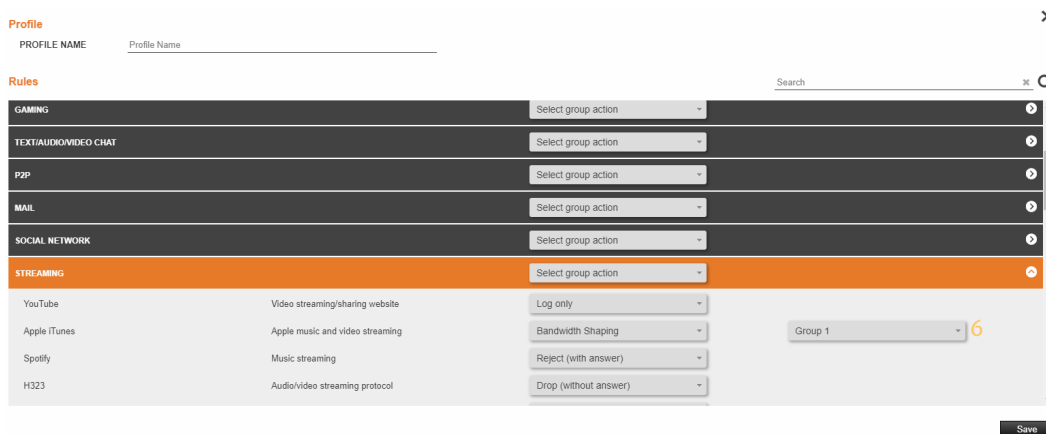
You will find detailed evaluations of the data recorded via your IACBOX over the last 14 days in the *Insights* menu. You can adjust this period as required in terms of days and even hours. Open the *Dropdown field*¹, then select a category and the preferred length of the period. Now you will be able to see which services were used most frequently and how much traffic they generated. If you click on one of these applications, e.g. *Streaming*², another diagram opens and you can view the applications in detail. In our example, *Youtube*³ is the most popular application. Go one step further and click on one of the streaming services to display *Top Tickets*⁴ including usage.

Once you have identified the main generators of traffic, you can adjust the settings precisely to your needs. The **PRO version** allows you to create profiles with up to 1,000 bandwidth groups and so treat user groups differently. Want to issue **free standard tickets**, but only for regular web surfing? Create a corresponding profile, block all or individual streaming services and assign this profile to the relevant ticket template. Want to make streaming possible, but not free for all guests? Create a **payment profile** for VIP guests to suit your precise requirements.

To do this, go to menu Profiles:

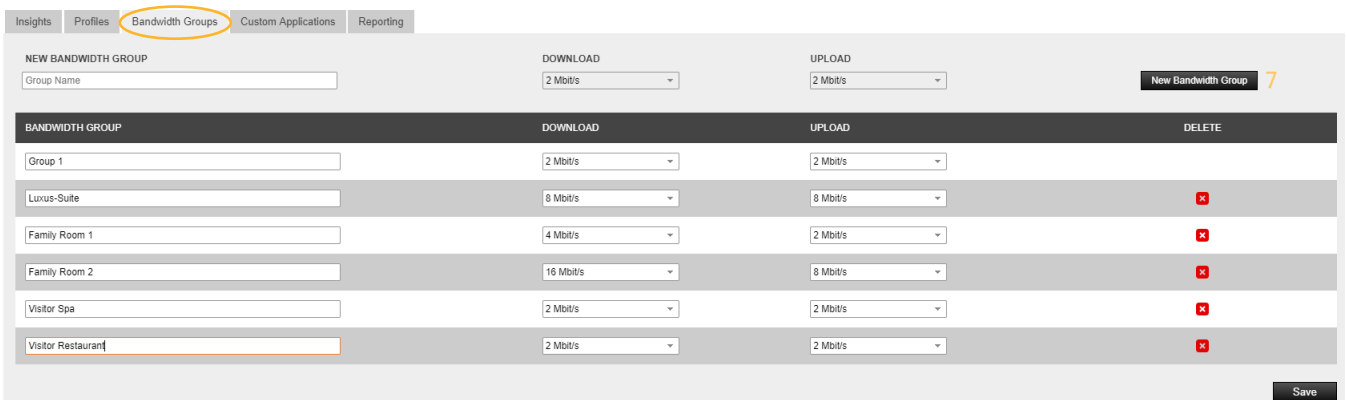


Existing profiles can be edited by clicking on the pencil icon, while new profiles can be created by clicking on the New Profile⁵ button. The following window will be displayed.



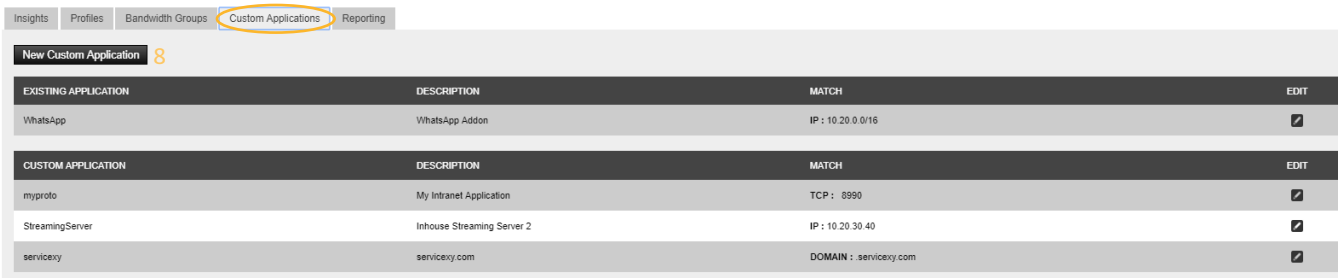
This list contains more than 200 applications that you can reject (it is advisable to use server response to block these as they are immediately recognisable at device level), drop (block without server response, timeout at device level, in special cases only), restrict bandwidth or merely log (i.e. they will only appear in the Insights menu). You can also assign the Bandwidth Groups⁶ here.

These need to be first generated using the Bandwidth Groups menu:



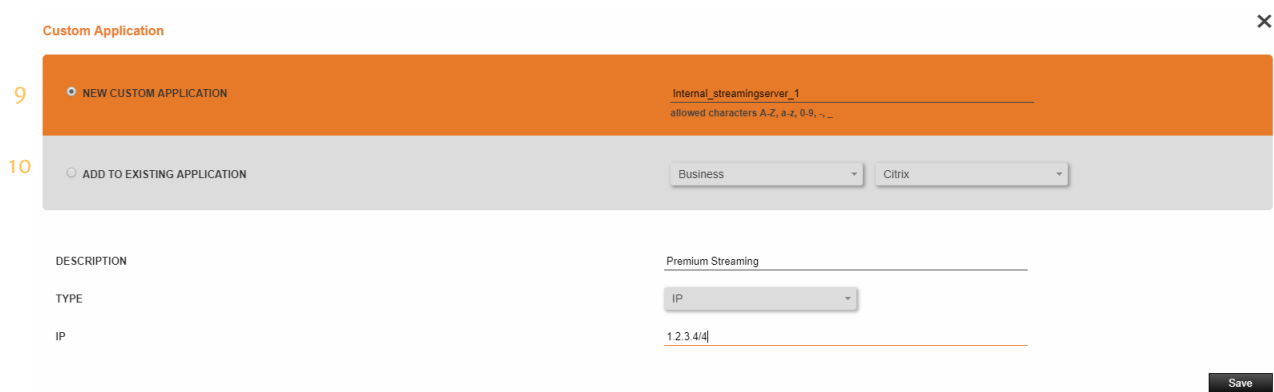
Configure new bandwidth groups by clicking on **New Bandwidth Group**⁷. Choose a meaningful name and assign the **Down- und Upload Rate** (this can be changed at any time). So not forget to save!

If the options specified are not appropriate to your particular case, you can extend existing applications or define your own. To do this, go to **Custom Applications** menu:



The screenshot shows a navigation bar with tabs: Insights, Profiles, Bandwidth Groups, Custom Applications (highlighted with a yellow circle), and Reporting. Below the navigation bar is a section titled "New Custom Application" with a count of 8. It contains two tables. The first table, "EXISTING APPLICATION", has columns for EXISTING APPLICATION, DESCRIPTION, MATCH, and EDIT. It lists "WhatsApp" with description "WhatsApp Addon" and match "IP : 10.20.0.0/16". The second table, "CUSTOM APPLICATION", also has columns for CUSTOM APPLICATION, DESCRIPTION, MATCH, and EDIT. It lists "myproto" (My Intranet Application, TCP : 8990), "StreamingServer" (Inhouse Streaming Server 2, IP : 10.20.30.40), and "servicery" (servicery.com, DOMAIN : servicery.com).

Create a new rule by clicking on **New Custom Application**⁸ - the following selection window will appear:



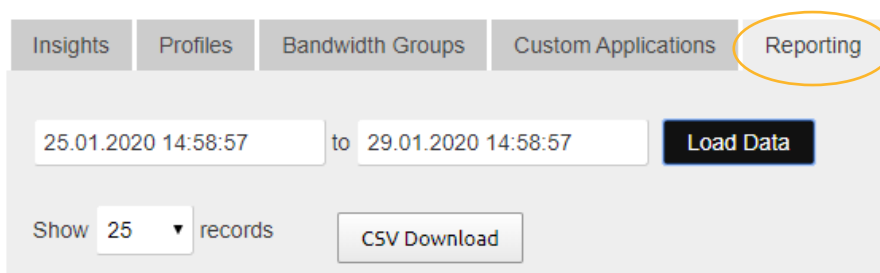
The screenshot shows a "Custom Application" dialog box with a close button (X) in the top right. It has two main options: "NEW CUSTOM APPLICATION" (selected) and "ADD TO EXISTING APPLICATION". The "NEW CUSTOM APPLICATION" option has a text field for the name "Internal_streamingserver_1" with a note "allowed characters A-Z, a-z, 0-9, -". Below this are two dropdown menus for "Business" and "Citrix". The "ADD TO EXISTING APPLICATION" option has two dropdown menus for "Business" and "Citrix". Below the options are fields for "DESCRIPTION" (Premium Streaming), "TYPE" (IP), and "IP" (1.2.3.4/4). A "Save" button is in the bottom right.

Choose between **New Custom Application**⁹ and **Add To Existing Application**¹⁰:

New Custom Application: You have an internal server on which videos are stored; you want this to be restricted only in terms of bandwidth. Assign a name, e.g. **internal_streamingserver_1**, then describe what it is about, e.g. **Premium video service** or **Training portal**, and for type select whether you want to specify domain, IP, TCP or UDP of the application and enter these in the lower field. The IP address of the server in our example has already been entered. After saving, these applications appear in Profiles menu.

Add To Existing Application: This gives you the option of adding an existing application to the list.

Would you like to save your evaluations for later? Switch to the **Reporting** menu, define the preferred period and download a **CSV file**.



The screenshot shows the "Reporting" menu (highlighted with a yellow circle) in the navigation bar. Below it are two date-time input fields: "25.01.2020 14:58:57" and "29.01.2020 14:58:57", with a "to" label between them. A "Load Data" button is to the right. Below these are a "Show" label, a dropdown menu set to "25", and the text "records". A "CSV Download" button is to the right.