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Stage One Installer

Begin Installation

Please ensure the computer the GPAC System® is being installed to supports USB boot. Once that has been established insert the USB drive into the USB port and power up the computer. When the system has finished booting off the USB drive, the installation startup menu will appear. Click on the Install button to begin installation.

End User Licence Agreement

The End User Licence Agreement needs to be agreed to before the installation can proceed. It is recommended that you read it carefully and then check the box stating that you have read and understood the EULA. Once read, check the box and click Next or Cancel

Partition Configuration

The partition configuration allows the user to select the drive configuration for the installed GPAC System®. To begin, select the partition drop down and choose an appropriate option.

Single Drive – OS and Log on One Drive

The first of the partition configuration options puts the OS and Log on the same drive. The single drive is partitioned into two to accommodate this. In order to use this option the drive must have a minimum size of 2GB and maximum size of 2TB.

Dual Drive - Separate OS and Log Drives

This option allows the OS and log drives to be installed on two separate hard drives. In order to use this option the OS drive must be a minimum of 1GB and maximum of 8TB and must be the first drive.

Start Partitioning

Once the option has been selected and the drive(s) chosen, click on the Start Partitioning button. This will bring up a confirmation box to make sure you want to partition the drive(s).

Select OK to continue and you will be presented with the status of the partitioning process which will change as it progresses.

Once the partitioning process is successfully completed, click Next.

Key Verification

The key verification process is required to certify that this is a genuine GPAC System®. Enter your licence key and serial key exactly as it is provided, the verification system is **case-sensitive**.

If the Serial and Licence keys have been entered correctly then a box will display the number of IOs, Cameras and expiry time of the licence.

Once OK is clicked the system will start installing onto the computer.

System Installing

Whilst the system is installing the GPAC System® a progress bar indicates the status of the installation. The system installation may take up to 20 minutes.

Once the GPAC System® has been installed, the user is asked to reboot by clicking the Reboot button.

After the reboot, the system will load up in the Stage 2 installer. The Stage 2 installer is the configuration wizard for setting up the system.

Stage Two Installer

Configuration Wizard

This is a second stage wizard to assist with the initial configuration of the GPAC System®. The screen is organised in to three areas; the top area will follow your progress through the wizard. You can jump between steps at any point by selecting the name of the page. The left area will present questions and require input. The right area will present general help and information, as well as page navigators. A Context Specific Help button will be available in the top right corner. The stage two wizard can be cancelled at any time by selecting Cancel.

Administrator Configuration

By default, the GPAC System® will have an administrator user account with super user privileges to all areas of the GPAC and the password should be kept secret and secure. Enter the password and click update, once this is done the Next button will appear to allow you to move to the next page.

System Configuration

System configuration lets the user configure settings which affect the operation of the system as a whole. The settings relate to operation, security and time.

Devices/Alerts

This section is for the system wide configuration items relating to data devices and device alerts. It allows the user to setup the data acquisition interval and the SMTP server host for sending out email alerts. Click on Update Settings to save the changes.

User

This section is for the system wide configuration items relating to GPAC System® and User interaction. It allows an administrator to configure the number of login attempts, maximum users allowed on the system, how often the data on pages refresh and how long a session will last. Click on Update Settings to save the changes.

Server Time

This section allows users to configure the server time and date. Click on Update Date/Time to save the changes.

Classification Configuration

Classified information is sensitive information to which access is restricted to particular classes of people. Users can be assigned a formal security clearance and are only then allowed to handle classified data. This sort of hierarchical system of secrecy is used by virtually every national government. The act of assigning the level of sensitivity to data is called data classification. The system comes with five classifications as default which can be edited/renamed or deleted. The user can add new ones as well. By clicking the Add Classification button, filling in the form and clicking the Add button.

Once the classification levels have been set, click next to go to the next page.

User Level

In computer systems security, Role-Based Access Control (RBAC) is an approach to restricting system access to authorised users, and GPAC implements this concept by User Levels.

User Levels can be created for various job functions. The permissions to perform certain operations are assigned to specific roles. Members of staff (or other system users) are assigned particular roles, and through those role assignments, acquire the permissions to perform particular system functions. The user can add new levels by filling in the text box and clicking the Add button.

Once the user levels have been set click next to go to the next page.

User manager

The GPAC System® supports multiple, simultaneous logins. The user manager enables an Administrator to create, delete and modify users who will be able to log in and interact to the degree enabled by their assigned permissions. A good password policy will strengthen the security of the installation. To add a new user, click on Add User then fill in the form, all starred fields are mandatory. Once complete click Add and the user will be added to the system.

Once all users have been added click next to go to the next page.

Network Manager

The GPAC system® requires network connectivity to enable access via the remote browser interface and to access the devices attached to the GPAC. The network protocol employed is TCP/IPv4 which requires each node on the network to have a unique address. Fill in the fields with the correct IP addresses and subnets and click update to save. A ping tool is provided in order to check connectivity.

Once the correct IP addresses and subnets have been added click next to go to the next page.

Environment Configuration

Refer to Quick Start Guide under *Adding a New Environment*.

Camera Configuration

Refer to Quick Start Guide under *Adding a New Camera*.

Module Configuration

Refer to Quick Start Guide under *Adding a New Module*.

Device Configuration

Refer to Quick Start Guide under *Adding a New Device*.

Trigger Configuration

Refer to Quick Start Guide under *Adding a New Trigger*.

Communication Centre

Refer to Quick Start Guide under *Adding a New Contact Set and Contact*.

Schedule Configuration

Refer to Quick Start Guide under *Adding a New Schedule*.

Trigger Actions Configuration

Refer to Quick Start Guide under *Adding a New Trigger Action*.

System Review

The system review is a categorical overview of the GPAC System® stage two installation presented for review. Any area can be accessed by selecting a heading from the table for verification.

System Commissioning

This stage of the installer verifies connectivity and status of devices linked to the GPAC System®. Please go through the list and physically check that all of the listed components are working correctly. To facilitate the system commissioning of large configurations, progress can be saved and later resumed. For error reporting and testing purposes, the system must be running to monitor devices and enforce trigger relationships. Check the running status and start the GPAC System® if needed by clicking the Start button.

System Commissioning Completed

Once system commissioning is complete, the user must enter the details requested and submit the form to complete the process. Any issues experienced at time of submission can be listed in the outstanding item box. You must complete and submit the form to activate the newly commissioned GPAC System®. Click next to go to the next page.

Submit Registration Information

Fill in the form to register the GPAC System®. Click next to go to the next page.

Stage 2 Completed

Click on Yes to save changes (This is strongly recommended, all configurations made through the wizard will be lost if not saved).

Follow the instructions to log into the fully configured system.