



SecureG

Data Security Redefined



SecureG Cybersecurity

SecureG is a comprehensive security solution designed to meet the high security requirements of industrial environments. It provides a secure platform for data transfer and verification, protecting critical infrastructure and ensuring uninterrupted production processes.



SecureG Use Cases



Securely scan and manage external drives



Ensure secure data transfer between different network segments



Provide a security gateway to protect against cyber threats



SecureG Components



SecureG Kiosk Terminal App

Kiosk Touchscreen .NET WPF Application to run the 4 usecases:
1. QUICK SCAN, 2. USB-2-USB copy 3. USB-2-SHARE copy
4. DOWNLOAD-2-USB



SecureG Backend Server

Core SecureG service with logic, RabbitMQ, Mongo DB and integrated Rebex SFTP Server



SecureG Desktop Client App

File Explorer like interface to access SecureG solution. Lightweight .Net WPF app, distribution & update via ClickOnce – no admin rights required



SecureG Analysis Backend

Backend services to analyse the data provided to SecureG (Choose different OnPrem AV Solutions (Kaspersky, Avira, ClamAV, Bitdefender,...), CDR (Glasswall), Virustotal, Sandboxing...)



SecureG Web App

SecureG web app offering all desktop app functionalities without a dedicated client



SecureG USB Guard

Client Windows Service to protect local USB ports against usage of unauthorized storage devices (e.g. USB pen drive). If a USB storage device has been scanned by the SecureG system and was marked as clean it may be used on the client machine.

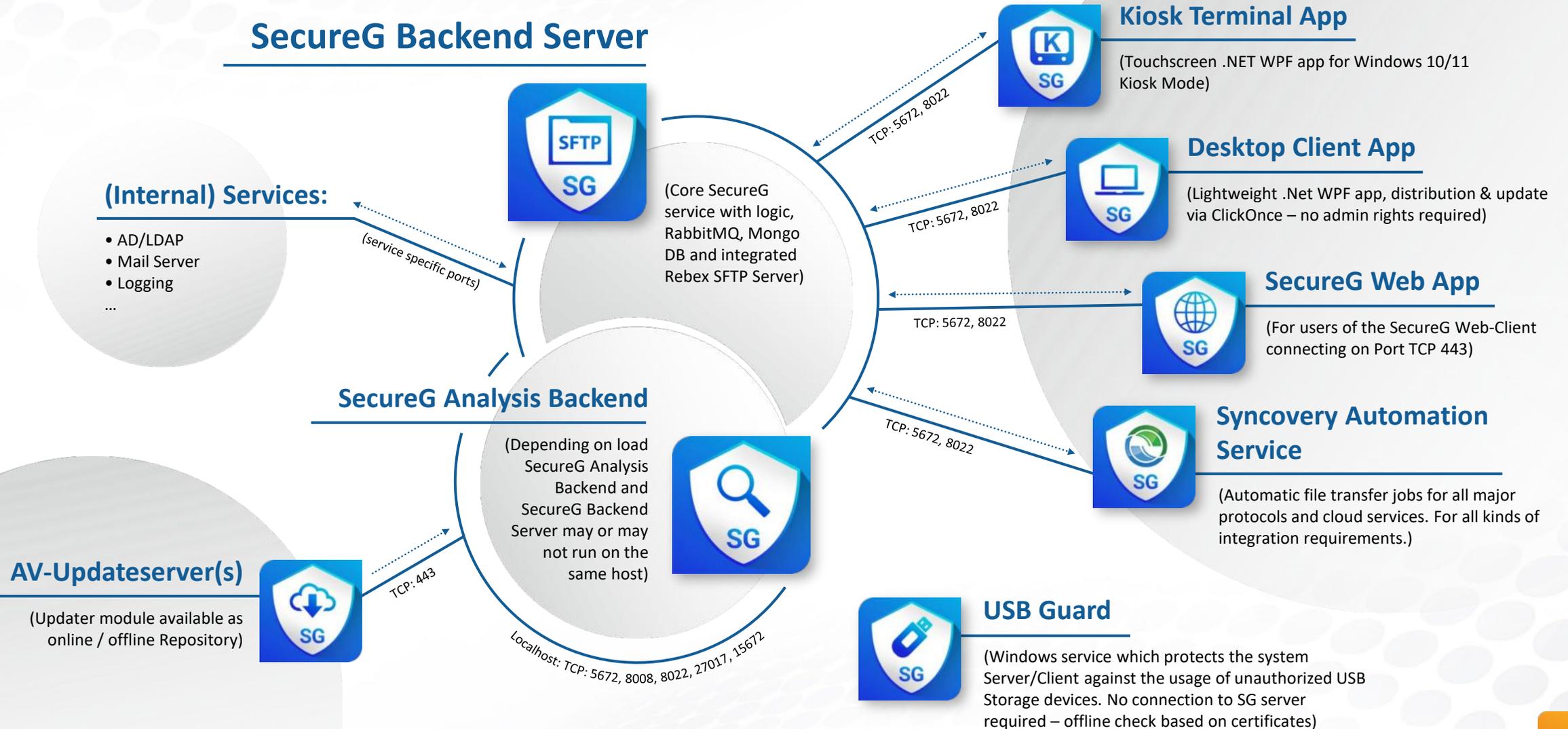


SecureG Automation Service Syncovery

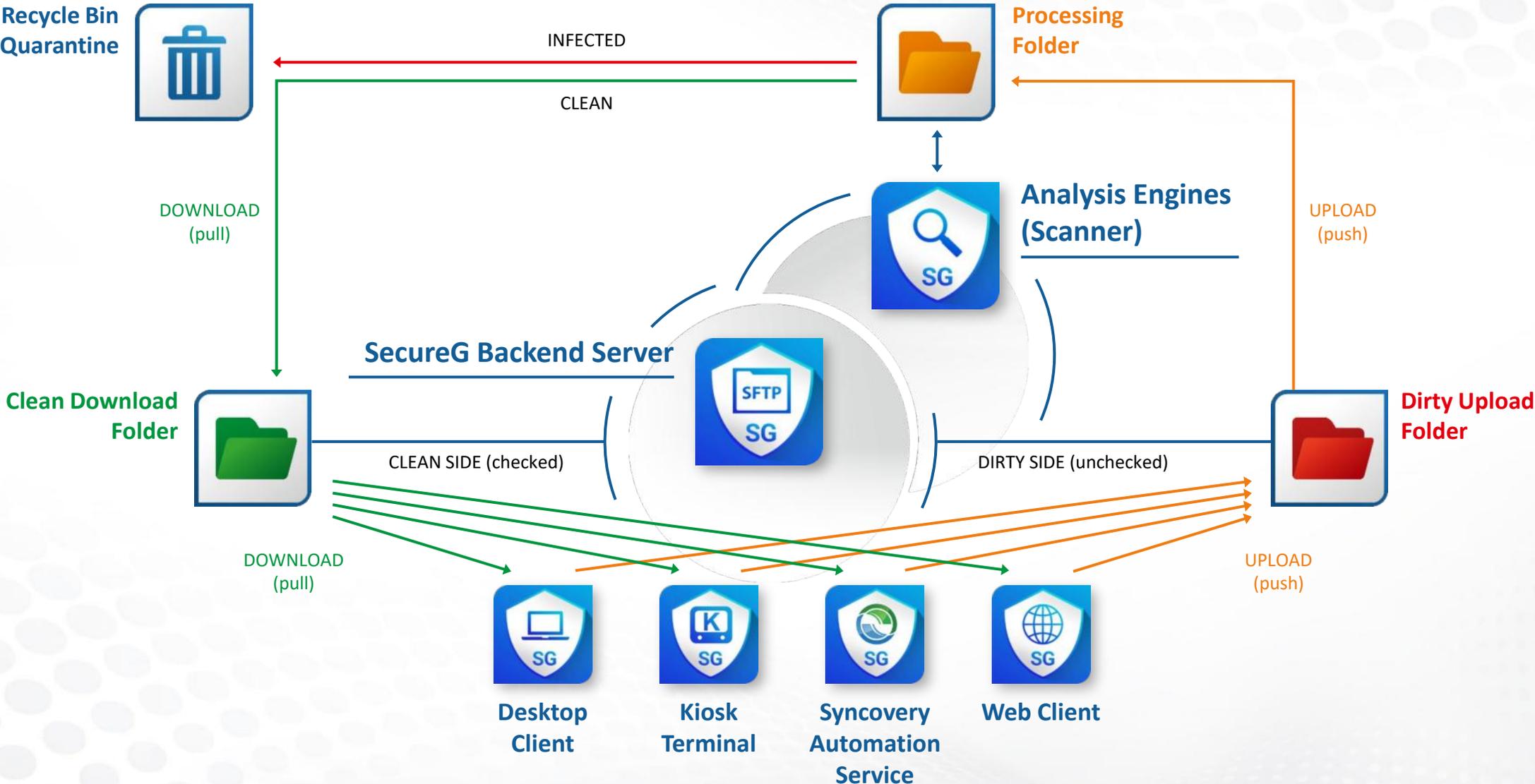
3rd party app with SecureG integration for all kinds of interfaces to other protocols and services for all automation and integration requirements



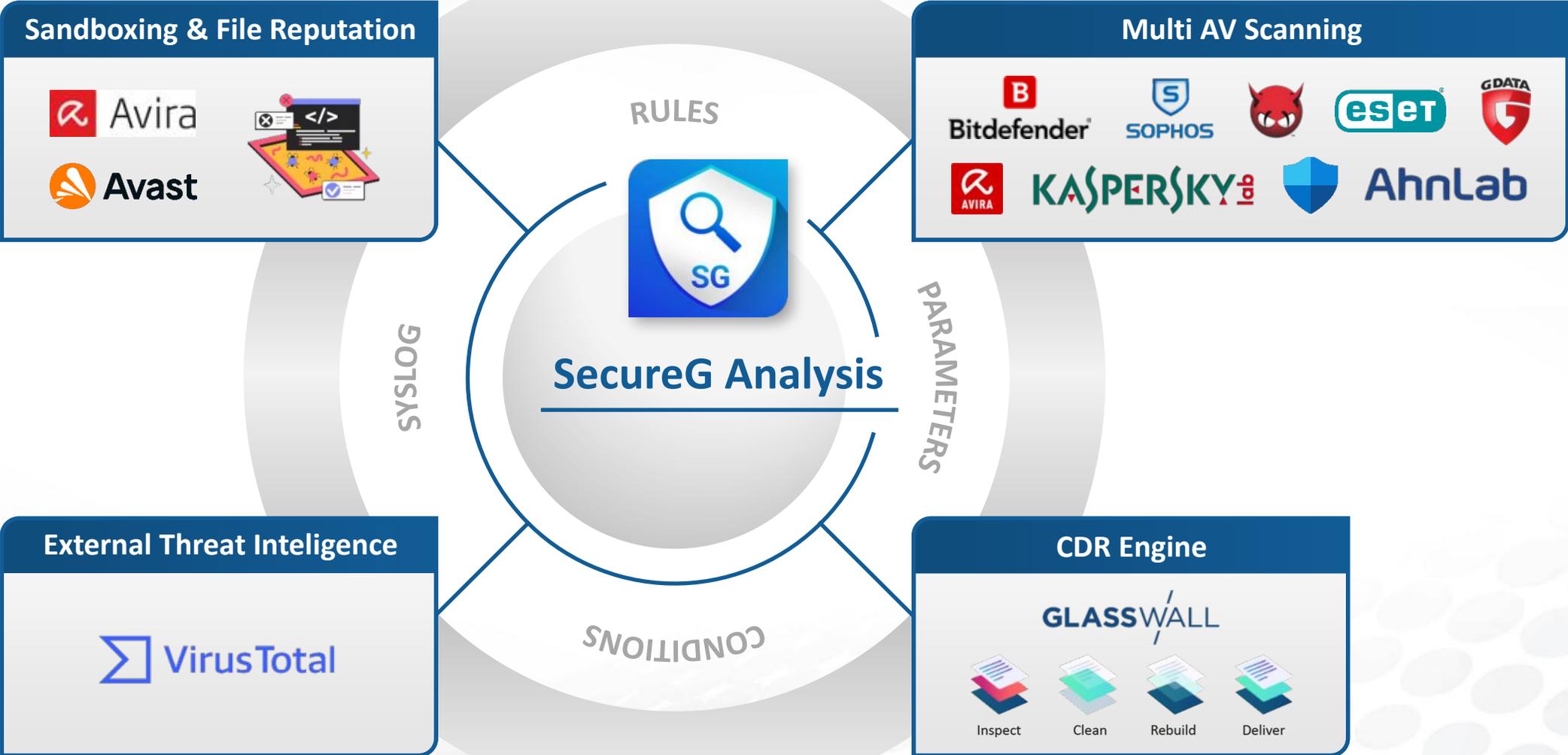
SecureG Technical Architecture



SecureG Workflow



SecureG Analysis Backend - Zero-Trust File Protection



Hardware Options for the SecureG System

Standard Hardware
+ i2solutions Extensions



Large Kiosk (with 19" rack)



Mobile Client



Small Kiosk



Large Kiosk in Corporate Design



Screenshot Kiosk App (Touchscreen)

The screenshot shows the SecureG Kiosk application interface. At the top, there is a title bar with the text "SecureG Kiosk" and standard window controls. Below the title bar is a dark navigation bar containing a home icon, a language selector set to "EN", and an "End Demo" button. The main content area features the "SecureG" logo in a large, white font. Below the logo are four light gray cards, each representing a different function:

- Quick Actions:** Features a blue circular icon with a USB drive symbol. The text below reads: "Quick scan, format, delete a device."
- USB to USB Scan:** Features a blue circular icon with two USB drives and an arrow pointing from the first to the second. The text below reads: "This mode copies the data to the analysis platform. After a successful scan, the data is copied to the second USB stick."
- USB to Share Scan:** Features a blue circular icon with a USB drive and a folder icon, with an arrow pointing from the USB to the folder. The text below reads: "This mode will copy the data to the analysis platform. After a successful scan the data will be shown on the share."
- Download to media Section:** Features a blue circular icon with a folder and a USB drive, with an arrow pointing from the folder to the USB. The text below reads: "This mode loads files from the server. After a successful download, the data is copied to a device."

At the bottom right of the interface, there is a logo for "2 solutions" with the tagline "intelligent growth" and a small orange icon with a bar chart.

Screenshot Windows Client App

The screenshot shows the SecureG Client application window. The title bar reads "SecureG Client" and includes standard window controls. The top right corner shows a language dropdown set to "EN" and a user profile icon for "sg.admin". The main header area features the "SecureG" logo. Below the header is a navigation bar with icons for back, refresh, add, folder, trash, cloud, and sync. A sidebar on the left contains navigation options: "My files" (selected), "Shared files", "Administration", "Scan history", and "Own data transfers". The main content area displays a file explorer view with a table of files:

Name	Modified	File size
Protokolle	06/19/2024 04:31 PM	Unknown
Analyse.xlsx	06/19/2024 02:50 PM	14.7 KB
Kurzpräsentation.pptx	05/07/2020 10:21 AM	5.2 MB
Notizen.txt	06/19/2024 02:49 PM	59 KB

At the bottom of the main area, there is a "Drag and Drop files here" instruction. The status bar at the bottom left shows "Last refresh: 2024.06.21 13:57:57".



Screenshot Windows Client App

The screenshot shows the SecureG Client application window. The title bar reads "SecureG Client" and includes standard window controls. The top right corner shows a language dropdown set to "EN" and a user profile icon for "sg.admin". The main header area features the "SecureG" logo. Below the header is a navigation bar with a refresh icon and a notification area showing "0 / 0" with a shield icon. The main content area is divided into three sections: a left sidebar with navigation options, a central table of scan history, and a right pane for scan details.

Navigation Sidebar:

- My files
- Shared files
- Administration
- Scan history (selected)
- Own data transfers

Scan History Table:

Scan Date	Status
11/02/2023 09:32 AM	●
11/02/2023 09:18 AM	●
11/02/2023 09:04 AM	●
11/01/2023 04:02 PM	●
11/01/2023 03:55 PM	●
11/01/2023 03:49 PM	●
11/01/2023 03:24 PM	●

Scan Details Panel:

Scan Details

11/2/2023 9:32:54 AM

- Infected items 0 >
- Not scanned items 0 >
- Clean items 1 >
- Details meta scan >

Enqueued: 11/2/2023 9:32:54 AM
Started: 11/2/2023 9:32:54 AM
Finished: 11/2/2023 9:32:54 AM
Target folder: \
Used Ruleset: SecureGGenericRule
Simulated Scan Engine v0.1 January 2019

Footer: Last refresh: 2024.06.25 09:29:06



Screenshot Web App

The screenshot shows a web browser window with the following details:

- Browser Tab:** SecureG Client
- URL:** https://web.demo.secureg.com/App/Root#!/virtualfilesystem
- Page Header:** SecureG logo on the left, language 'ENG' and user 'sg.admin' on the right.
- Navigation Bar:** Includes icons for back, refresh, add, delete, download, and upload. On the right, it shows '0 / 0' and a shield icon.
- File System View:** A sidebar on the left shows a home icon and a share icon. The main area displays a table of files and folders.

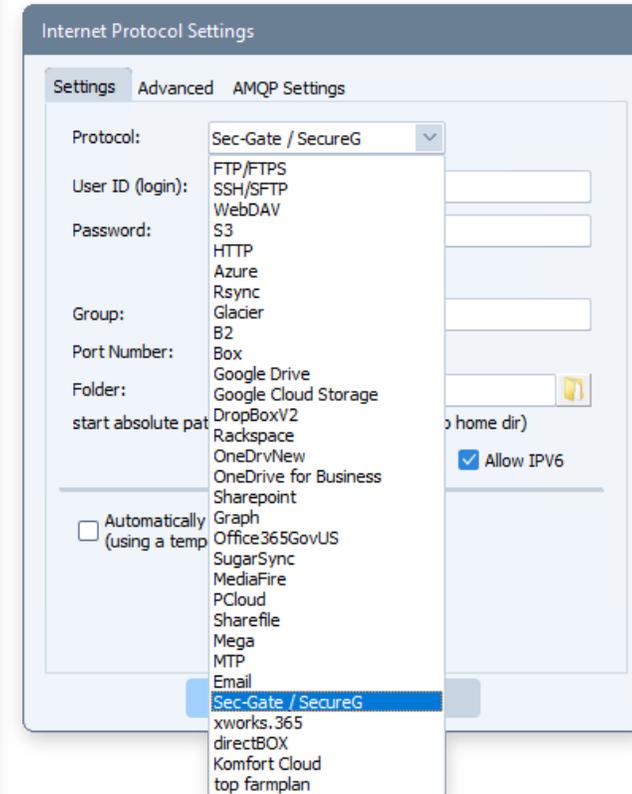
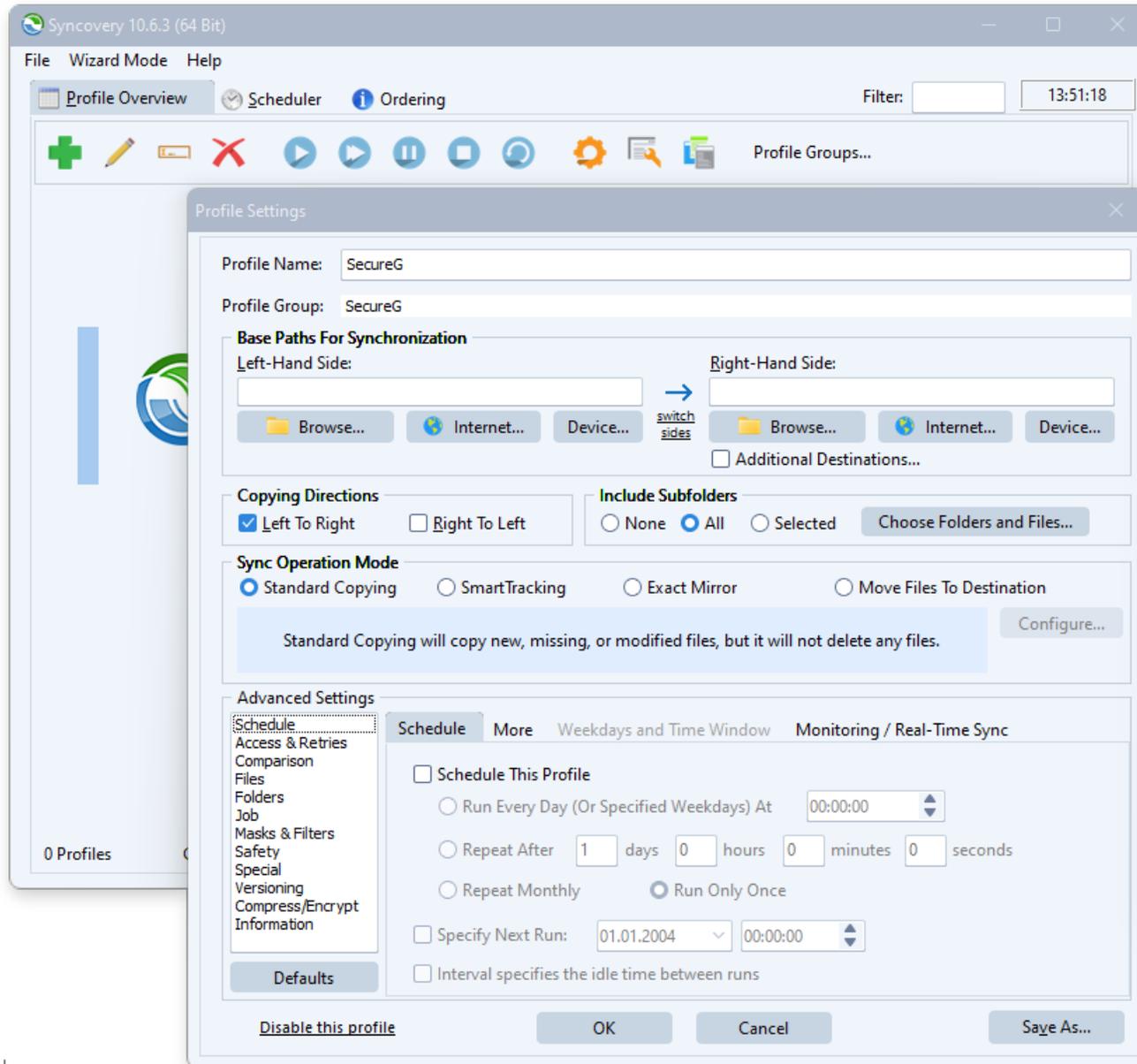
Name	Modified	File size
Protokolle	2024-06-19 04:31 PM	
Analyse.xlsx	2024-06-19 02:50 PM	14.72 KB
Kurzpräsentation.pptx	2020-05-07 10:21 AM	5.21 MB
Notizen.txt	2024-06-19 02:49 PM	58.95 KB

At the bottom of the interface, there is a text box with a right-pointing arrow and the text "DRAG AND DROP FILES HERE".

Page Footer: Last refresh: 2024-06-25T10:38:50+02:00 (left) and a2 solutions intelligent growth logo (right).



Screenshot Syncovery Automation



SecureG Offers the Following Security and Data Protection Benefits



 **Zero-Trust File Protection**
Comprehensive threat protection through a combination of sandboxing, multi-AV scanning and CDR

 **Usability**
Simple and intuitive user interfaces for kiosk terminals, desktop and web applications

 **Optimised Workflow**
Seamless and efficient management of security processes through automated checks and centralised data management

 **Flexible and customized**
Customisable, including custom hardware solutions and branding options





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