



Sec-Gate

Data Security Redefined



Sec-Gate Cybersecurity

Sec-Gate 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.



Sec-Gate 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



Sec-Gate Components



Sec-Gate 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



Sec-Gate Backend Server

Core Sec-Gate service with logic, RabbitMQ, Mongo DB and integrated Rebex SFTP Server



Sec-Gate Desktop Client App

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



Sec-Gate Analysis Backend

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



Sec-Gate Web App

Sec-Gate web app offering all desktop app functionalities without
a dedicated client



Sec-Gate 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 Sec-Gate system and was
marked as clean it may be used on the client machine.

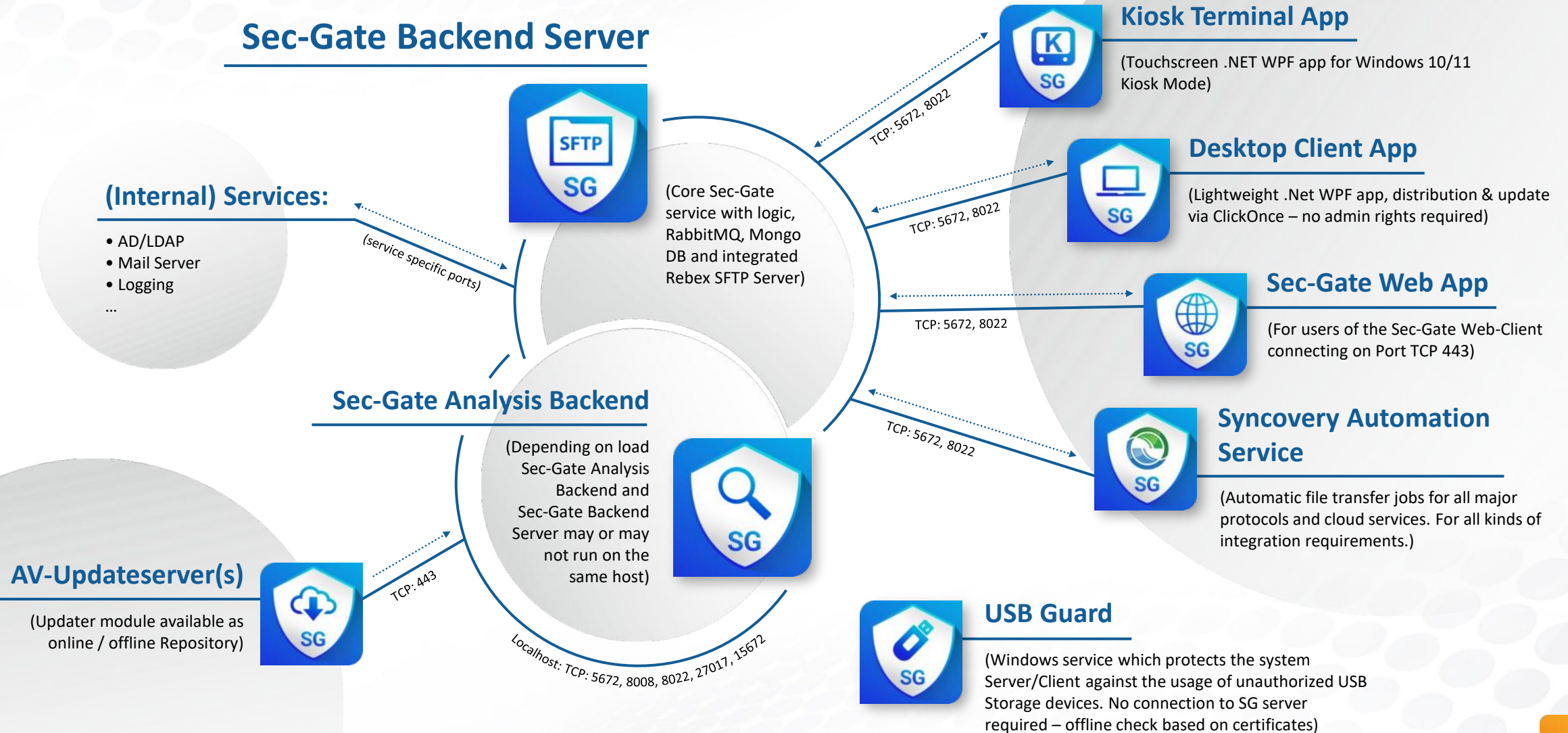


Sec-Gate Automation Service Syncovry

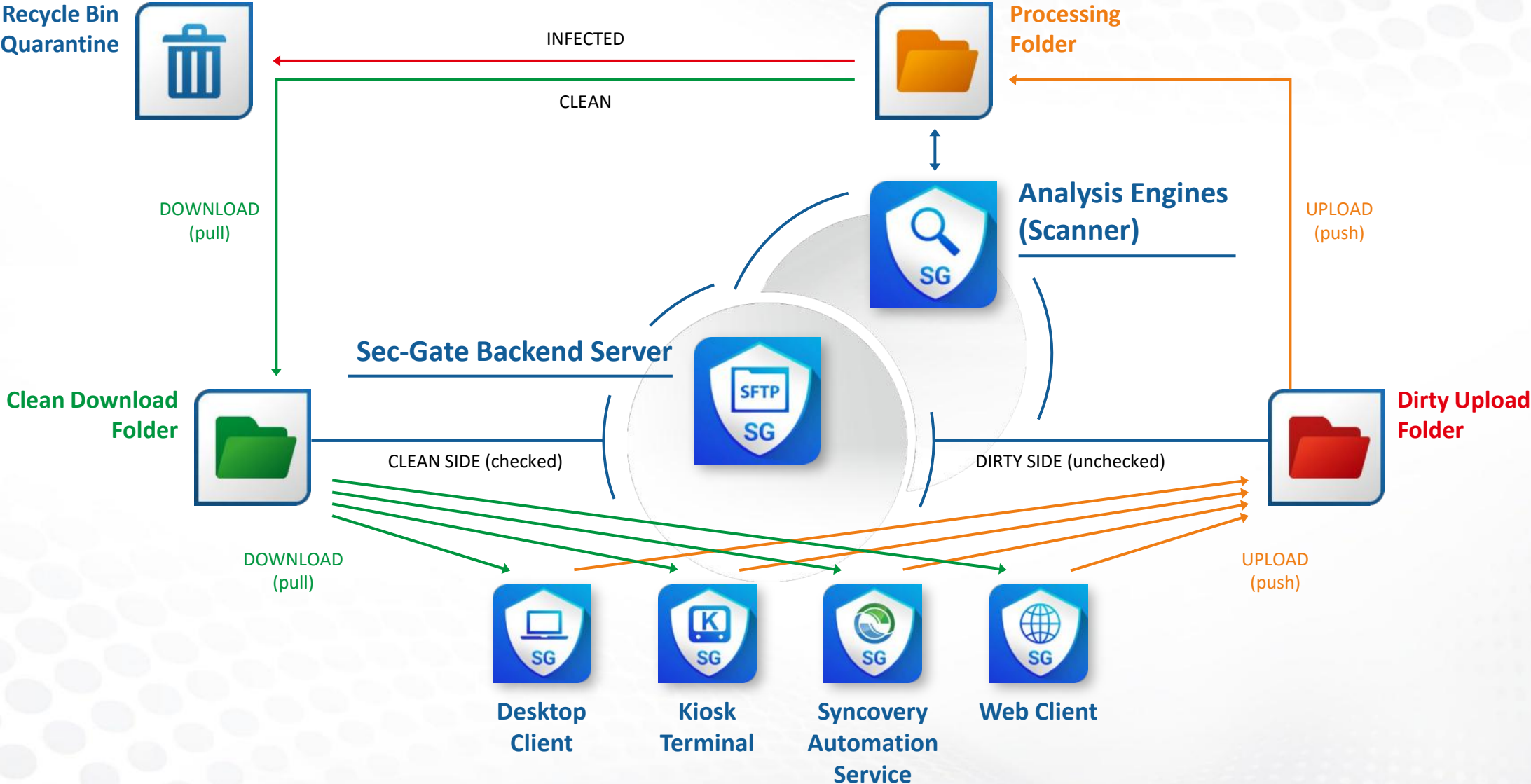
3rd party app with Sec-Gate integration for all kinds of interfaces
to other protocols and services for all automation and integration
requirements



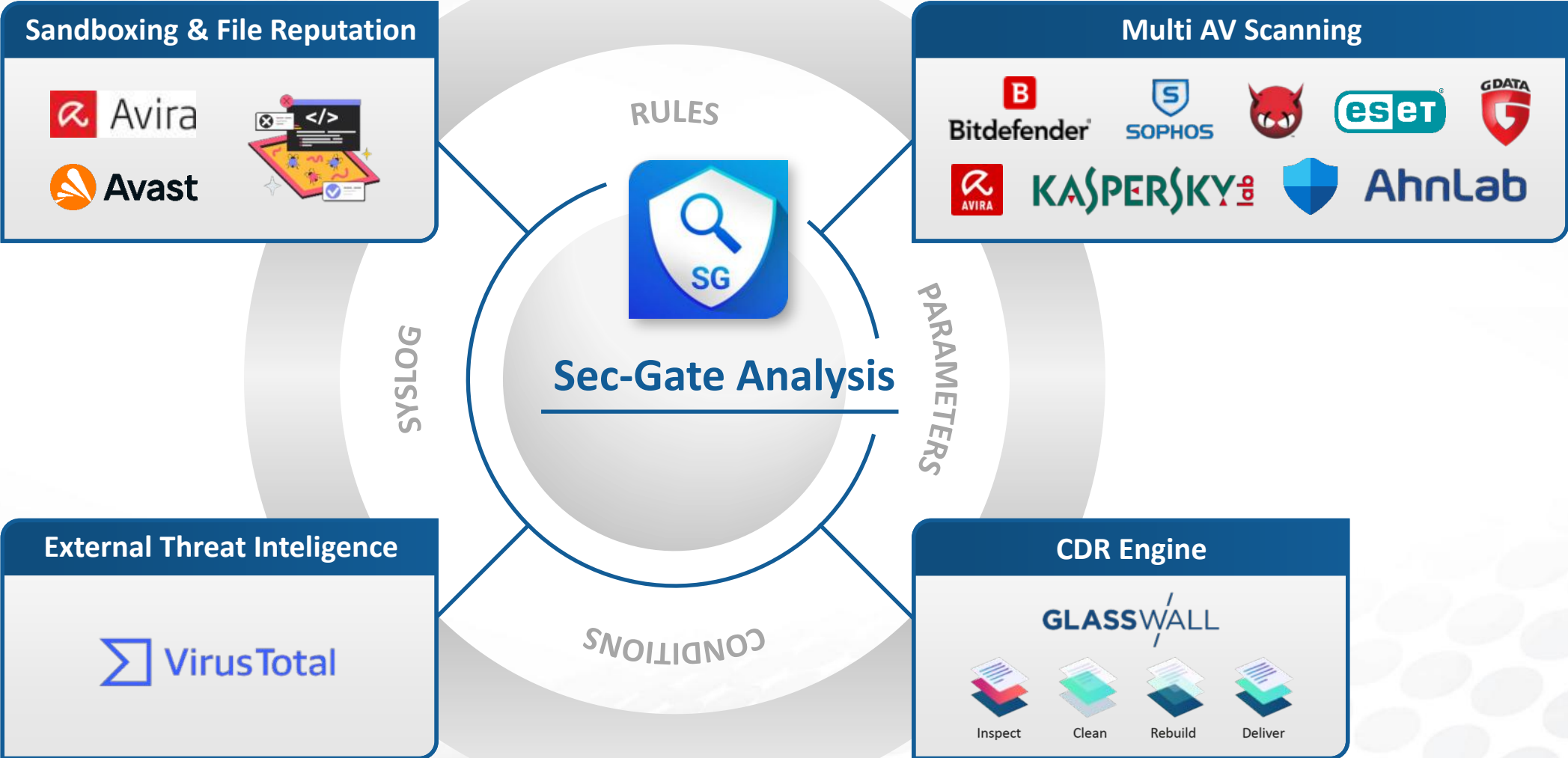
Sec-Gate Technical Architecture



Sec-Gate Workflow



Sec-Gate Analysis Backend - Zero-Trust File Protection



Hardware Options for the Sec-Gate 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 a kiosk application window titled "Sec-Gate Kiosk". The interface includes a home icon, a language dropdown set to "EN", and an "End Demo" button. The main header features the "Sec-Gate" logo and the "i2 solutions" logo. Below the header are four large, light-gray cards, each representing a different scanning or data management function. Each card has a blue circular icon, a title, and a descriptive paragraph.

- Quick Actions**: Icon of a USB drive. Description: "Quick scan, format, delete a device."
- USB to USB Scan**: Icon of two USB drives with an arrow between them. Description: "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**: Icon of a USB drive and a folder with an arrow between them. Description: "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**: Icon of a folder and a USB drive with an arrow between them. Description: "This mode loads files from the server. After a successful download, the data is copied to a device."

The footer of the application contains the "i2 solutions" logo with the tagline "intelligent growth" and a small version of the logo in the bottom right corner.

Screenshot Windows Client App

Sec-Gate Client

EN sg.admin

Sec-Gate

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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

My files

Shared files

Administration

Scan history

Own data transfers

←

Drag and Drop files here

Last refresh: 2024.06.21 13:57:57



Screenshot Windows Client App

Sec-Gate Client

EN sg.admin

Sec-Gate

i2 solutions

0 / 0

- My files
- Shared files
- Administration
- Scan history
- Own data transfers

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

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: SecGateGenericRule
Simulated Scan Engine v0.1 January 2019

Last refresh: 2024.06.25 09:29:06



Screenshot Web App

Sec-Gate Client

https://web.demo.sec-gate.com/App/Root#!/virtualfilesystem

Sec-Gate

ENG sg.admin

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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

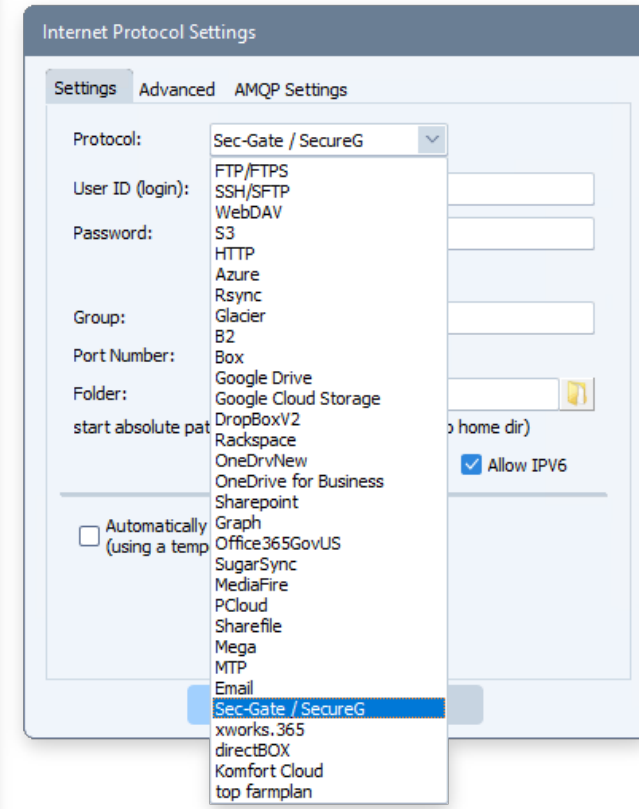
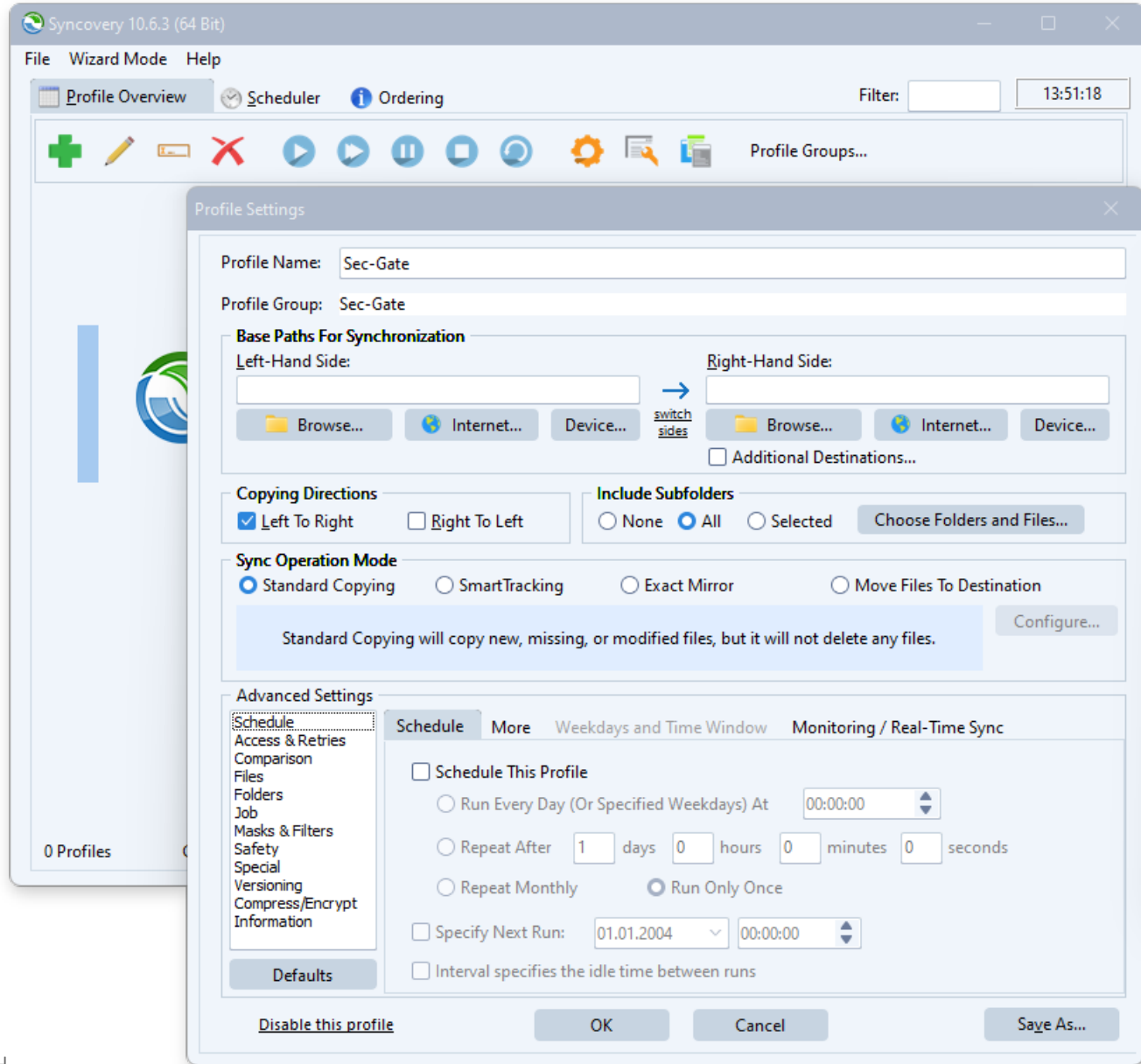
DRAG AND DROP FILES HERE

Last refresh: 2024-06-25T10:38:50+02:00

a solutions
intelligent growth





Screenshot Syncovery Automation





Sec-Gate 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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