

# Guide to Powering Agent Vi Analytics on Geutebruck's G-Core



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# 1 Overview

Integration of Geutebruck's G-Core with Agent Vi's savVi offers:

- Real-Time Detections and Alerts
  - Events of interest are detected through real-time analysis of multiple video sources and displayed in savVi's client
  - The events are retrieved by G-Core and displayed in G-Core's client
- Video Search
  - Recorded video is queried and events of interest are located and extracted from G-Core's recording server
- Business Intelligence
  - Statistical information related to the behavior of people and vehicles is generated from the surveillance video, including traffic volumes, traffic trends and motion patterns. Generation of such data uses live video from G-Core connected cameras and recorded video from G-Core's recording server

These capabilities are available for IP cameras and encoders powered by an embedded Vi-Agent ("Optimized Deployment", for greater scalability) and for cameras managed by G-Core but not powered by an embedded Vi-Agent ("Flexible Deployment" using Vi-Agent Proxy to pull live video from G-Core).

## 1.1 About this Guide

This guide shows how to deploy and configure savVi for video analytics.

## 1.2 Version Compliance

- Agent Vi's savVi 5.4, 5.5
- Geutebruck's G-Core Version 2.2.1.76

## 1.3 Enabling Procedure

To enable savVi analytics using cameras connected to G-Core:

- Install Geutebruck's SDK (version 2.2.2.85 or later) on any PC that runs the following savVi components: VAPs, Vi-LBS, savVi-Manager and savVi-Analyst
- Install savVi. For additional information, please refer to the Agent Vi Online Certification Program > Installer course > Installation and Configuration lessons
- Use savVi-Manager to configure the connection with Geutebruck server and to add cameras. For additional information, please refer to the Agent Vi Online Certification Program > Installer course > VMS Integration lesson
- When deploying on **Windows Server** 2012, enable Desktop Experience using Windows Server Manager
- Ensure that all Agent Vi's client/server machines as well as all G-Core's client/server machines are continuously time-synchronized by a single NTP server
- Ensure that G-Core is recording continuously (not triggered by motion)



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