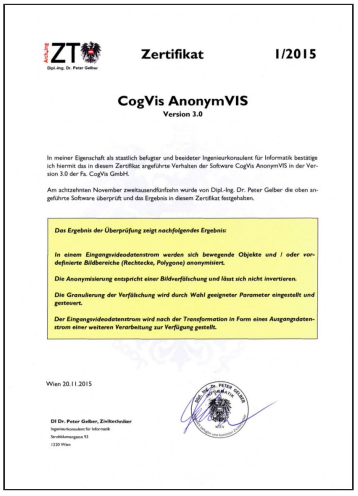
forlan C3 anonym^{vis} Fact Sheet

In a world that is increasingly penetrated and controlled by digital data, privacy is emerging as one of the hot topics for security and surveillance. The anonymisation of collateral information in digital data streams to show only what was intended, but protect any additional contents, is at the heart of the discussion. anonym^{vis} is certified by a registered austrian civil engineer and reliably scrambles motion and/or static regions within CCTV streams to ensure the protection of privacy within a surveilled area. anonym^{vis} is configured using a user-friendly browser-based interface with responsive design. Automatic camera detection and a simple setup using polygonal areas directly within the live-video view enable a basic configuration within a few minutes. anonym^{vis} supports seamless integration with video management systems. The forlan team will gladly consult you on how anonym^{vis} can contribute to your use case.



ZT

Zertifikat 1/2015

CogVis AnonymVIS
Version 3.0

In meiner Eigenschaft als staatlich befugter und beeideter Ingenieurkonsulent für Informatik bestätige ich hiermit das in diesem Zertifikat angeführte Verhalten der Software CogVis AnonymVIS in der Version 3.0 der Fa. CogVis GmbH.

Am achtzehnten November zweitausendfünfzehn wurde von Dipl.-Ing. Dr. Peter Gelber die oben angeführte Software überprüft und das Ergebnis in diesem Zertifikat festgehalten.

Das Ergebnis der Überprüfung zeigt nachfolgendes Ergebnis:

In einem Eingangsvideodatenstrom werden sich bewegende Objekte und / oder vordefinierte Bildbereiche (Rechtecke, Polygone) anonymisiert.

Die Anonymisierung entspricht einer Bildverfälschung und lässt sich nicht invertieren.

Die Granulierung der Verfälschung wird durch Wahl geeigneter Parameter eingestellt und gesteuert.

Der Eingangsvideodatenstrom wird nach der Transformation in Form eines Ausgangsdatenstroms einer weiteren Verarbeitung zur Verfügung gestellt.

Wien 20.11.2015

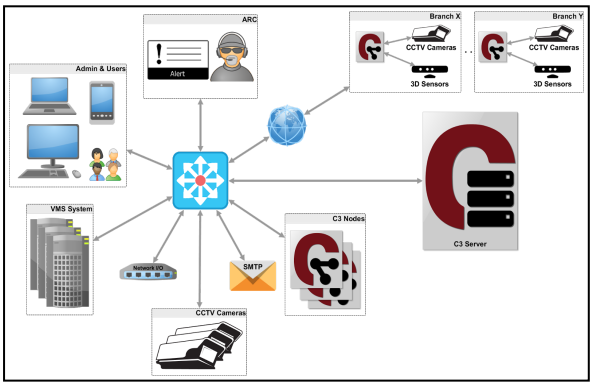
DI Dr. Peter Gelber, Zivilingenieur

Key Features

- Scrambling of static areas
- Scrambling of dynamic areas based on motion detection
- Configurable scrambling size
- Flexible definition of static scrambling areas and region of interest with polygons
- Configurable RTSP MPEG4 stream for the scrambled output
- TCP/IP interface to control on/off state of the dynamic or static scrambling
- Automatic camera detection
- Browser based user interface using responsive design
- Seamless integration with video management systems and third party systems
- Optimized for 24/7 real-time application

Architecture

Based on the forlan C3 Analytics architecture installations scale flexibly from mobile single-server installations to large or distributed sites and cloud-systems. Everything is managed centrally using an intuitive browser-based user interface. Forlan C3 supports different platforms, browsers and camera types and provides interfaces to third-party systems and seamless integration with video management systems. This guarantees maximum application flexibility, whether as a standalone solution or as part of a holistic security concept.



Performance

The system is built for distributed architectures and therefore highly performant and uses state of the art tracking and storage technology to deliver the best possible results for surveillance using standard CCTV systems.

- 3 - 7 % CPU usage per channel (VGA → VGA @ 15 FPS, 8x8 scrambling)on an Intel based processor Passmark 8000 with >= 3 GHz and 4 physical cores
- Optimized RAM usage per channel (typically below 100 MB)
- PostgreSQL database for high availability of data