

The state-of-the-art RFID analysis tool for all common RFID media in range from 125 kHz 13.56 MHz.

Analyze RFID smart and easy

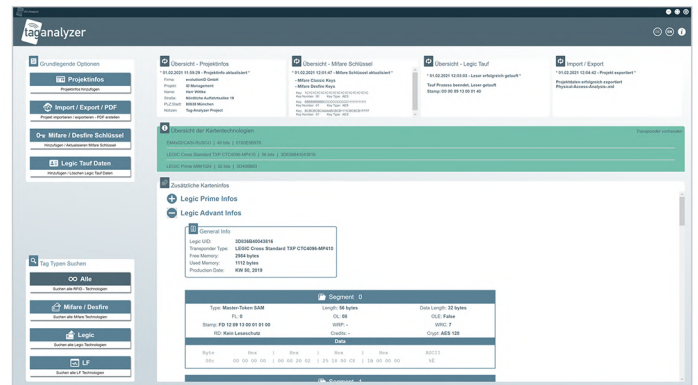
The Tag-Analyzer eases your daily work with RFID media. The software comprises a state-of-the-art and intuitive user interface and is the perfect tool to generate resilient results on your progress of project, with no deep RFID know how required.

Would you like to analyze RFID cards? Do you have to prepare a concept for the migration of an access system for your customer? Tag-Analyzer is the perfect fit.

With Tag-Analyzer you can examine all RFID transponders in one step, even so-called hybrid cards (one media with multiple RFID technologies). The results can be viewed clearly arranged.

Each analysis can be saved as a separate project. Saved projects can be opened and edited with Tag-Analyzer. The saved data is AES-256 encrypted.

With the integrated report function results can easily be exported to PDF.



Screenshot: TAG-Analyzer Software GUI

Following information can be displayed by Tag-Analyzer:

- Technology/ies with exact Chip-Model and Chip-UniqueID (UID)
- All available parameter of the RFID Chip
- Overview free / occupied memory
- Overview existing RFID applications / segments
- Data content of all RFID applications / segments (dependent on access rights, e.g. SAM 63 card or read-key)

Autoanalyse Legic and Mifare Transponder:

- All available Legic prime and Legic advant transponders are supported
- To access read-protected Legic segments, Legic Master Token can be added (SAM63) or removed (SAM64)
- All common transponders of the Mifare family are supported
- Required keys to access data content of Mifare classic or Mifare DESFire applications can easily be entered and managed in the intuitive entry mask
- ISO15693 technology supported
- LF-Transponders (HID prox, Hitag, EM4x00, etc.) supported

The Tag-Analyzer is a professional and valuable tool for:

- Authorities
- Companies
- IT / Research & Development
- Document / ID Centres
- Hospitals
- Engineering and Design Offices
- Sales-Reps and Field Application Engineers
- Developers
- Card Manufacturers

Save time and money – short your design stage and stay on top of all things related to your RFID media.

System requirement: \_\_\_\_\_

Hardware: For the installation, a Windows x86 or x64 client is required

Interface: 1 x USB2.0

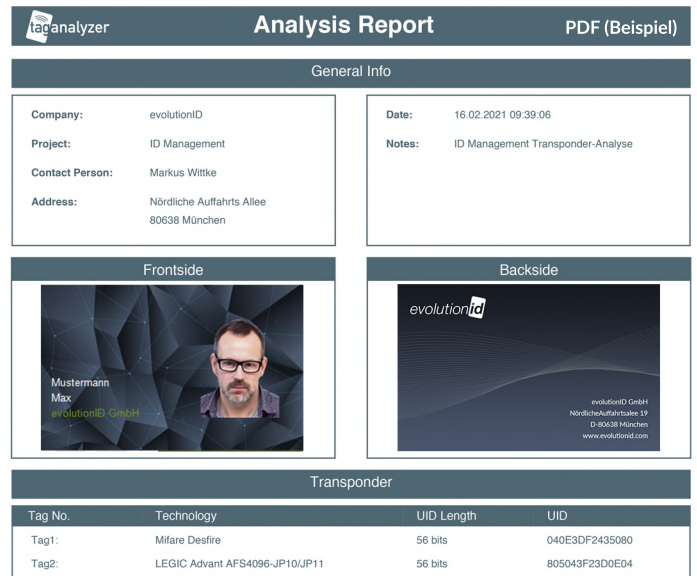
License Activation: Executed with the provided activation card

Delivery Content: \_\_\_\_\_

- 1 x Tag-Analyzer Software
- 1 x RFID Desktop Reader with USB Interface
- 1 x User Guide (PDF)
- 1 x License Activation Card

We look forward to hearing from you!

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**Analysis Report** PDF (Beispiel)

**General Info**

Company: evolutionID  
 Project: ID Management  
 Contact Person: Markus Wittke  
 Address: Nördliche Auffahrts Allee 80638 München

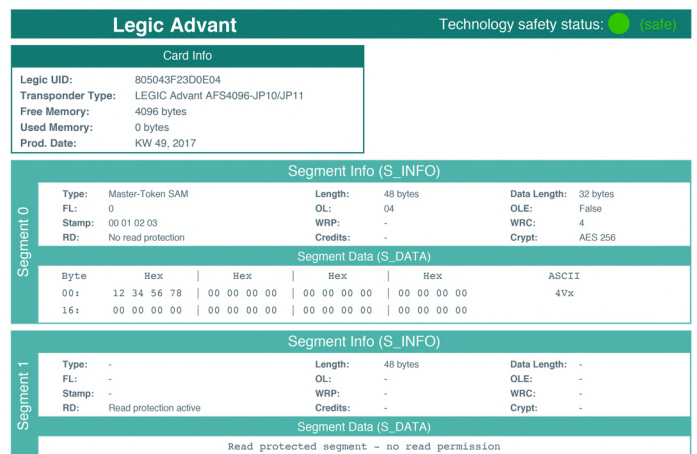
Date: 16.02.2021 09:39:06  
 Notes: ID Management Transponder-Analyse

**Frontside**  


**Backside**  


**Transponder**

Tag No.	Technology	UID Length	UID
Tag1:	Mifare Desfire	56 bits	040E3DF2435080
Tag2:	LEGIC Advant AFS4096-JP10/JP11	56 bits	805043F23D0E04



**Legic Advant** Technology safety status: ● (safe)

**Card Info**

Legic UID: 805043F23D0E04  
 Transponder Type: LEGIC Advant AFS4096-JP10/JP11  
 Free Memory: 4096 bytes  
 Used Memory: 0 bytes  
 Prod. Date: KW 49, 2017

**Segment Info (S\_INFO)**

**Segment 0**

Type:	Length:	Data Length:
Master-Token SAM	48 bytes	32 bytes
FL: 0	OL: 04	OLE: False
Stamp: 00 01 02 03	WRP: -	WRC: 4
RD: No read protection	Credits: -	Crypt: AES 256

**Segment Data (S\_DATA)**

Byte	Hex	Hex	Hex	Hex	ASCII
00:	12 34 56 78	00 00 00 00	00 00 00 00	00 00 00 00	4Vx
16:	00 00 00 00	00 00 00 00	00 00 00 00	00 00 00 00	

**Segment 1**

Type:	Length:	Data Length:
-	48 bytes	-
FL: -	OL: -	OLE: -
Stamp: -	WRP: -	WRC: -
RD: Read protection active	Credits: -	Crypt: -

**Segment Data (S\_DATA)**

Read protected segment - no read permission



**Mifare® DESFire®** Technology safety status: ● (safe)

**General Info**

Desfire UID: 040E3DF2435080  
 PMK Settings: 0B  
 Free Memory: 6176 bytes  
 Prod. Batch. No.: 0xBA 74 91 C9 60  
 Prod. Date: KW 21 \ 2016

**Hardware Info**

Vendor ID: 0x04 (NXP)  
 Type/Subtype: 0x81 \ 0x01  
 Maj/Min Version: 0x01 \ 0x00  
 Storage Size: 8192 bytes  
 Comm.Prot.Type: ISO 14443-2/-3

**Software Info**

Vendor ID: 0x04 (NXP)  
 Type/Subtype: 0x81 \ 0x01  
 Maj/Min Version: 0x01 \ 0x01  
 Storage Size: 8192 bytes  
 Comm.Prot.Type: ISO 14443-2/-3

AID: 00123456

AMK Settings: 0B Crypto Method: AES Number of Keys: 03

**Settings**

**File 00**

Type:	Access Rights:	Size(bytes):	Comm Mode:
Standard Data File	1F20	64	Fully Enc
Lower Limit: -	Lim.Cred.Val: -	Upper Limit: -	Lim.Credit En.: -
Free Get Val: -	Record Num.: -	Record Size: -	Max Num Records: -

**Data**

Byte	Hex	Hex	Hex	Hex	ASCII
00:	08 05 00 00	01 35 74 07	45 55 52 00	00 00 00 01	5€ EUR
16:	B8 00 00 00	00 00 00 00	00 00 00 00	00 00 00 00	€
32:	00 00 00 00	00 00 00 00	00 00 00 00	00 00 00 00	
48:	00 00 00 00	00 00 00 00	00 00 00 00	00 00 00 00	

**File 01**

Type:	Access Rights:	Size(bytes):	Comm Mode:
Standard Data File	1220	0	Fully Enc
Lower Limit: -	Lim.Cred.Val: -	Upper Limit: -	Lim.Credit En.: -
Free Get Val: -	Record Num.: -	Record Size: -	Max Num Records: -

**Data**

No Data

AID: 00123457

AMK Settings: 0B Crypto Method: AES Number of Keys: 05

**File 00**

Type:	Access Rights:	Size(bytes):	Comm Mode:
Standard Data File	1220	32	Plain
Lower Limit: -	Lim.Cred.Val: -	Upper Limit: -	Lim.Credit En.: -
Free Get Val: -	Record Num.: -	Record Size: -	Max Num Records: -

**Data**