

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

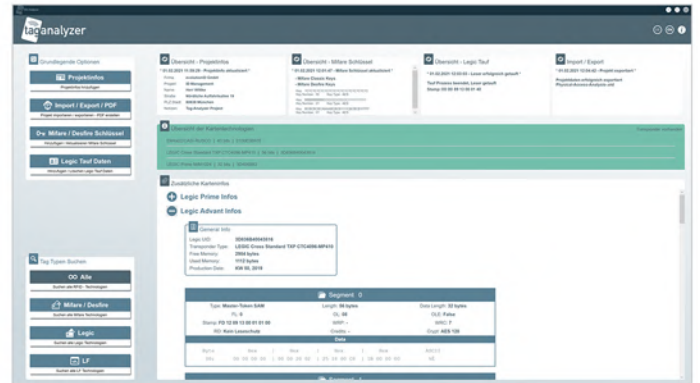
The TAG-Analyzer eases your daily work with RFID media. The software comprises a state-of-the-art and intuitive user interface and is the perfect tool to generate resilient results on your progress of project, with no deep RFID know how required.

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
- IT-Development
- ID-Office/HR
- Hospitals
- Sales Reps
- Engineering Offices
- Developers
- Card Manufacturers

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

### TECH-UPDATE:

As of now, the TAG-Analyzer software can optionally be equipped with a Legic MTSC extension.



With the activation, all available Legic Master Tokens are supported and the creation of Sub-GAM, IAM, IAM +, SAM63, SAM64 and SAM + cards is enabled.

### System requirements:

**Hardware:** A Windows x86 or x64 client is required for the installation. The connection is made via a USB 2.0 interface.

### Scope of delivery:

- 1 x TAG-Analyzer software
- 1 x RFID desktop reader with USB interface
- 1 x User guide (PDF)
- 1 x Licence activation card

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taganalyzer
Analysebericht
PDF (Beispiel)

Allgemeine Infos

Firma: evolutionID	Datum: 29.01.2021 17:39:21
Projekt: ID Management	Notizen: ID Management Karten
Ansprachpartner: Markus Wiltke	
Adresse: Nördliche Auffahrtsallee 19 80638 München	

Vorderseite

Rückseite

Transponder

Tag Nr.	Technologie	UID Länge	UID
Tag1:	LEGIC Cross Standard TXP CTC4096-MP410	56 bits	3D3DF24B043816
Tag2:	LEGIC Prime MIM1024	32 bits	3D4BF23D

**Legic Advant**      Technologie Sicherheitstatus: ● (sicher)

Karteninfos

Legic UID: 3D3DF24B043816  
 Transponder Type: LEGIC Cross Standard TXP CTC4096-MP410  
 Free Memory: 2984 bytes  
 Used Memory: 1112 bytes  
 Prod. Date: KW 28, 2017

Segment Info (S\_INFO)

**Segment 0**

Type: Master-Token SAM	Length: 32 bytes	Data Length: 16 bytes
FL: 0	OL: 04	OLE: False
Stamp: 00 00 34 50	WRP: -	WRC: 4
RD: Kein Leserschutz	Credits: -	Crypt: AES 128

Segment Data (S\_DATA)

Byte	Hex	Hex	Hex	Hex	ASCII
00:	08	05	00	01	
01:	00	00	00	00	

Segment Info (S\_INFO)

**Segment 1**

Type: Master-Token SAM	Length: 48 bytes	Data Length: 32 bytes
FL: 0	OL: 04	OLE: False
Stamp: 00 00 34 51	WRP: -	WRC: 4
RD: Kein Leserschutz	Credits: -	Crypt: AES 128

Segment Data (S\_DATA)

Byte	Hex	Hex	Hex	Hex	ASCII
00:	08	05	00	01	
01:	01	33	06	8F	
02:	45	55	52	00	
03:	00	00	00	2D	
16:	53	00	00	00	3 EUR-
17:	00	00	00	00	
18:	00	00	00	00	
19:	00	00	00	00	
20:	00	00	00	00	
21:	00	00	00	00	
22:	00	00	00	00	
23:	00	00	00	00	
24:	00	00	00	00	
25:	00	00	00	00	
26:	00	00	00	00	
27:	00	00	00	00	
28:	00	00	00	00	
29:	00	00	00	00	
30:	00	00	00	00	
31:	00	00	00	00	

Mifare® DESFire®

Allgemeine Infos		Hardwareinfos		Softwareinfos	
Desfire UID: 040E3DF2435080	Vendor ID: 0x04 (NXP)	Type/Subtype: 0x81 \ 0x01	Vendor ID: 0x04 (NXP)	Type/Subtype: 0x81 \ 0x01	Vendor ID: 0x04 (NXP)
PMK Settings: 0B	Maj/Min Version: 0x01 \ 0x00	Storage Size: 8192 bytes	Maj/Min Version: 0x01 \ 0x01	Storage Size: 8192 bytes	Maj/Min Version: 0x01 \ 0x01
Free Memory: 6720 bytes	Comm.Prot.Type: ISO 14443-2/3	Comm.Prot.Type: ISO 14443-2/3	Free Memory: 6720 bytes	Comm.Prot.Type: ISO 14443-2/3	Free Memory: 6720 bytes
Prod. Batch. No.: 0xBA 74 91 C9 6D			Prod. Batch. No.: 0xBA 74 91 C9 6D		
Prod. Date: KW 21 \ 2016			Prod. Date: KW 21 \ 2016		

AID: 00123456

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

Einstellungen

**File 00**

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

Daten

Byte	Hex	Hex	Hex	Hex	ASCII
00:	08	05	00	00	
01:	01	35	74	07	
02:	45	55	52	00	
03:	00	00	00	01	5t EUR
16:	BE	00	00	00	
17:	00	00	00	00	
32:	00	00	00	00	

Einstellungen

**File 01**

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

Daten

AID: 00123457

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

Einstellungen

**File 00**

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

Daten

Byte	Hex	Hex	Hex	Hex	ASCII
00:	01	33	ED	67	
01:	01	35	74	07	
02:	00	00	00	00	
03:	00	00	00	00	