

## eXtra4<gemID>

### Software for gemstone business

Efficient stock management by coding

**Scanning rather than writing! –  
With coded labels you save  
time and cut errors and costs.**

Accelerate now the entire management process of your gemstone business by consistently labelling your gemstone inventory with the coding of eXtra4<gemID>! The Software provides the complete quality profile of a gemstone via scanner at the push of a button wherever numerous parameters for the characteristic description of a gemstone have so far had to be listed by hand tediously.

- Developed in cooperation with insiders of the gemstone industry
- Meeting the needs of traditional structured enterprises
- Coded labels fit ideally for standard gem boxes
- Customisable parameters for detailed gem classification
- Suitable for unique items and mass products
- Handles also splitting, re-cutting and sets
- Professional database with large search functions
- List printing via report generator „List&Label“
- Address management included
- Data transfer to stock management systems
- Scalable due to additional functions for processes, presentation and documents



Due to the general cost situation, we can no more keep our prices constant over a longer period of time, but have to permanently adjust them to the supply market. Please find up-to-date prices in our online shop.

[www.extra4shop.de](http://www.extra4shop.de)

[extra4software.de](http://extra4software.de)

# eXtra4<gemID> The Software Core Function: Gemstone Management

Gemstone management is the basic function of eXtra4<gemID>. All five software editions master this task in the same way and with an identical scope of services. The following software features support the user:

## The gemstone classification

The classification of gems is the core element of eXtra4<gemID> and has to be adapted by the user to his individual needs. Then he is able to assign his gems to the built stone classes there according to their quality characteristics:

- Storing of all stone species relevant for the user
- Determining decisive qualities for each stone species
- Defining of quality characteristics e.g. country of origin, colour, purity

- Setting of values per characteristic at any number, e.g. for colour, "red", "pigeon blood", "dark red", "fire red" etc.
- Determining of further, stone-species-overlapping criteria for classification such as cut, shape or processing
- Creation of stone classes based on stone types and stone qualities as a basis for pricing
- Generating an unique stone data record with all information for business processing



Gemstone data record as matrix code, readable with 2D scanner, for extremely fast search for gemstones in master data management and transaction processing

Price and origin code: selling price per carat and per stone, purchase price per carat and sale-or-return/stone owner, decipherable for qualified personnel

Company logo and contact address, printed by the label printer together with the gemstone data

Gemstone qualities as abbreviated plain text for quick visual information

38-digit mnemonic coding of the gemstone data record, readable for trained personnel

## The coded label

eXtra4<gemID> saves all the information stored during the classification of a gemstone in an integrated database as a stone profile. The software prepares it for printout in three different ways:

- as mnemonic key
- as scanable code
- as abbreviated plain text

Printed by thermal transfer printer on suitable labels (48 x 28 mm), the data profile can be used to label stone boxes in standard size (55 x 33 mm).

The printed label with its codes provides much more information directly with the stone than would be possible in handwriting:

- The data can be read out by scanner and further processed, e.g. into lists or for order entry
- Trained sales personnel are able to interpret the code and have all important data at hand during the sales talk
- Prospective buyers can inform themselves about the core data of the stone in plain text.

# eXtra4<gemID> The Software Core Function: Gemstone Management

eXtra4<gemID> - 14.06.2021

## Stein-Artikel - Suche

Such-Liste Such-Details Such-Ergebnis SQL Such-Befehl Einstellungen

Such-Name:

Stein-Art:  2  3

Stein-Qualität 1:  2  3

Stein-Form:  ☐ volle Übereinstimmung

Stein-Schliff:  ☐ volle Übereinstimmung

Eigentümer:

Carat (von):

Carat (bis):

Carat-Preis (von):

Carat-Preis (bis):

Prod.Datum (von):

Prod.Datum (bis):

Stein-Format (von):  x

Stein-Format (bis):  x

## The search functions

Fast gemstone management requires a focused search in the item master. Three different search functions enable highly efficient work with eXtra4<gemID>:

- Parameterised SQL-queries
- Full-text search
- Advanced database filters

Search results can be specifically selected and copied to a clipboard for use in other documents.

eXtra4<gemID> - 14.06.2021

## Stein-Artikel - Suche

Such-Liste Such-Details Such-Ergebnis SQL Such-Befehl Einstellungen

Such-Name:  2246 Artikel gefunden

☐ Nur markierte Datensätze drucken / auswerten

Ameth + Fancy

	Sel.	Stein-Code	Klassifikation 1	Klassifikation 2	Form	Schliff	Carat	Carat Verf.	Anz.
	<input type="checkbox"/>	AMETBRX0010001CAZ00012M130060	Amethyst - Extra	Brasil - X	Cabochon	Fancy-Schliff	1,00 ct	0,00 ct	1
	<input type="checkbox"/>	AMETBRX0092001FEA0003400M	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut	9,20 ct	0,00 ct	1
	<input type="checkbox"/>	AMETBRX0107801FEA000340M045083	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut	10,78 ct	0,00 ct	1
	<input type="checkbox"/>	AMETBRX0119001FEA0003400M	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut	11,90 ct	0,00 ct	1
	<input type="checkbox"/>	AMETBRX0123401FEA000340M	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut	12,34 ct	0,00 ct	1
	<input type="checkbox"/>	AMETBRX0123401FEA00034M-01	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut	12,34 ct	0,00 ct	1
	<input type="checkbox"/>	AMETBRX0124101FOA0003400M	Amethyst - Extra	Brasil - X	Fancy Oval	Fancy Cut	12,41 ct	0,00 ct	1
	<input type="checkbox"/>	AMETBRX0173501FNA0003600M	Amethyst - Extra	Brasil - X	Fancy Navette	Fancy Cut	17,35 ct	0,00 ct	1
	<input type="checkbox"/>	AMETBRX0194001FEA0003600M	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut	19,40 ct	0,00 ct	1
	<input type="checkbox"/>	AMETBRX0223001FEA0145000F	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut	22,30 ct	0,00 ct	1
	<input type="checkbox"/>				Fancy Free	Fancy Cut	23,99 ct	0,00 ct	1
	<input type="checkbox"/>				Fancy Flower	Fancy Cut	24,64 ct	0,00 ct	3
	<input type="checkbox"/>				Fancy Free	Fancy Cut	25,22 ct	0,00 ct	1
	<input type="checkbox"/>				Fancy Navette	Fancy Cut	29,01 ct	0,00 ct	4
	<input type="checkbox"/>				Fancy Free	Fancy Cut	34,89 ct	0,00 ct	1
	<input type="checkbox"/>				Fancy Free	Fancy Cut	41,33 ct	0,00 ct	1

Design Item-List - Bestandsliste - C:\eXtra4\Extra4gem\Reports\Rep\_Items\Rep\_Items\_Cust\_01\_DEU.LST

Objekte: A [Text], A [Rechteck], A [Text], A [Tabelle], A [Text]

Objekte: Ebenen: Vorschau

Eigenschaften: Eigenschaften durchsuchen, [Allgemeine Einstellungen]

Zoom: 100% Seitenbreite

Vergrößern, Verkleinern

Nach vorne, Nach hinten, Linksbündig, Rechtsbündig, Oben, Unten, Ausrichten

Objekte: A [Text], A [Rechteck], A [Text], A [Tabelle], A [Text]

Objekte: Ebenen: Vorschau

Eigenschaften: Eigenschaften durchsuchen, [Allgemeine Einstellungen]

## The report generator

The gemstone management eXtra4<gemID> relies on a professional tool for the design and printing of individual lists: The report designer "List&Label" is integrated into the software. With its intuitive operation, the German tool also allows interested users to create detailed lists with defined content themselves.

eXtra4<gemID> - 18.02.2021

## Inventur - Stein-Artikel Inventur 12.02.2021

Artikel-Liste Artikel-Details Inventur-Einstellungen

Artikel-Code:  ☒ Eingabe mit Scanner ☐ Erfassung mit Bestätigung

Artikel-Liste:

Artikel-Nr.	Stein-Klasse 1	Stein-Klasse 2	Form	Schliff	Inv. Status	In
AMETBRX0123401FEA00034M	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut		
AMETBRX0123401FEA00034M-01	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut		
AMETBRX0124101FOA0003400M	Amethyst - Extra	Brasil - X	Fancy Oval	Fancy Cut		
AMETBRX0173501FNA0003600M	Amethyst - Extra	Brasil - X	Fancy Navette	Fancy Cut		
AMETBRX0194001FEA0003600M	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut		
AMETBRX0223001FEA0145000F	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut		
AMETBRX0239901FEA0003600M	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut		
AMETBRX0246403FEA0003600M	Amethyst - Extra	Brasil - X	Fancy Flower	Fancy Cut		
AMETBRX0252201FEA0003600M	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut		
AMETBRX0290104FNA0003600M	Amethyst - Extra	Brasil - X	Fancy Navette	Fancy Cut		
AMETBRX0348901FEA0003600M	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut	Inventur 12.02.2021	15.
AMETBRX0413301FEA0268800F	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut		
AMETBRX0801801FFA0288800F	Amethyst - Extra	Brasil - X	Fancy Flower	Fancy Cut		
AMETBRX1543601FEA0616000F	Amethyst - Extra	Brasil - X	Fancy Free	Fancy Cut		

## The inventory

The coded labels of eXtra4<gemID> on the entire stone assortment are particularly advantageous for the fiscal inventory. By using a scanner that identifies each individual gem in a matter of seconds, the complete recording of the item stock on a specific key date can be accelerated considerably.



## eXtra4<gemID> Additional Functions for the Gemstone Business

### The process management

Transactions that change the storage location of a gem item, i.e. cause the gemstone to be removed from the main storage, manages extra4<gemID> as a process. In addition to the sale itself, these are also processes that serve to initiate sales, such as:

- Trade fairs
- Sales force trips
- Presentations at interested parties
- Customer buy-or-returns etc.

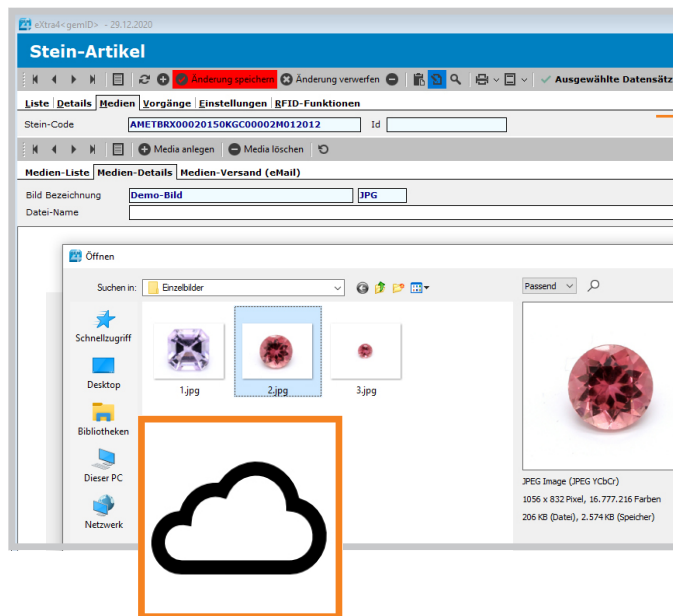
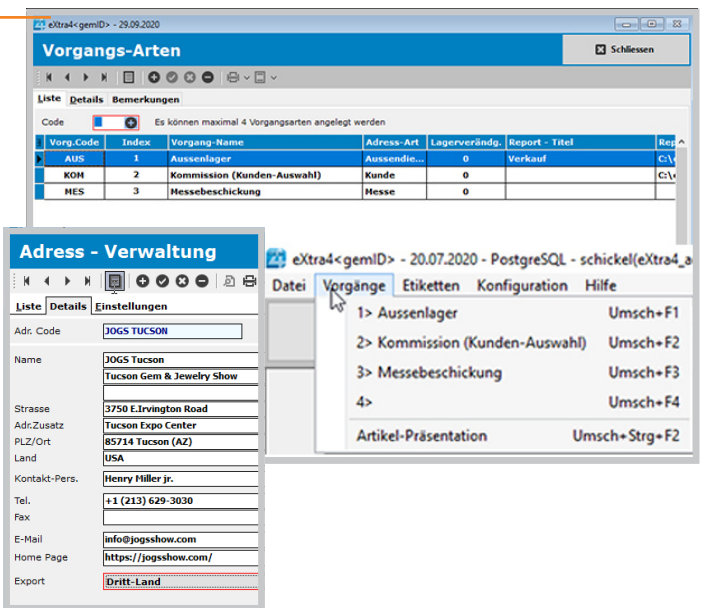
The user can individually define different process types in the software.

The new storage location of the gem item, represented by its address, is used in the software

to identify the process. Therefore, address management is integrated into the process management at extra4<gemID>.

With extra4<gemID>, the handling of a process is divided into three sections:

- Maintenance of processes: Similar to a booking, a process is loaded with gem items
- Process control: The stock of a process can be checked on the basis of various booking statuses in the item directory
- Process closure: The main warehouse must be cleared of sold and unsold gem items at the end of a process



### The media management

For better illustration and faster finding, eXtra4<gemID> offers the possibility of adding pictures already during the stone classification. As thumbnails they may only have low resolution.

eXtra4<gemID> organises high-quality image material in the media management and uses a web space as a media library. Even files with a large data volume are permanently available via the internet.

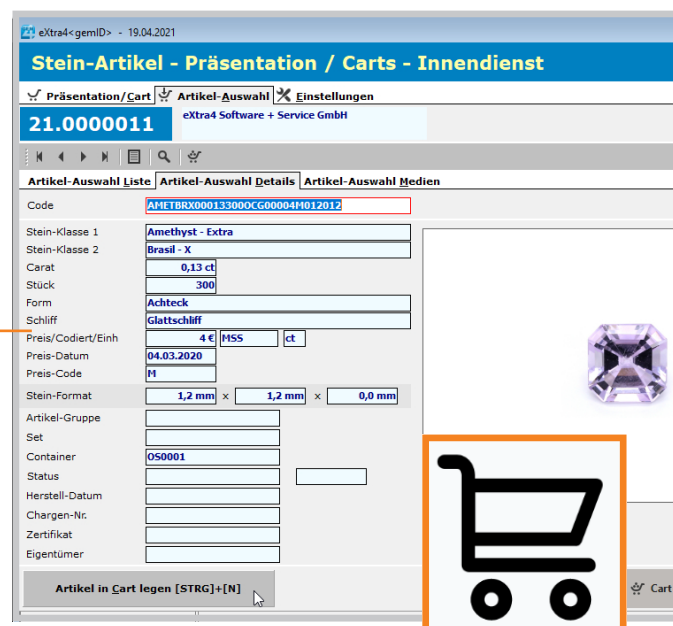
Four different data formats are accepted:

- Images (.jpg)
- Web applications (.html)
- Documents (.pdf)
- Video (.mp4)

A media list shows for each stone which files are available. Integrated into multimedia offers, they can be placed under individually selectable terms via a text link and sent as an e-mail, where they can be conveniently viewed by the recipient even with mobile devices.

### The presentation module

With this feature eXtra4<gemID> supports sales activities of office staff and field staff. All gem items that are shortlisted during a presentation are collected by the software in a cart. The cart is created at the beginning under the address of the client/prospective customer and is used for easy communication with the head office.



### The Multi-user capability

Gemstone management is based on the multi-user client/server database PostgreSQL. It allows direct database access from any number of workstations. For the administration of different users' access rights eXtra4<gemID> provides a separate tool.

### The RFID functions

RFID records items in large quantities simultaneously. Instead of piece by piece, data is collected from the contents of a container, such as a tray or show case, completely in one shot. The concept of eXtra4<gemID> already foresees the use of this technology from scratch, because the traditional organization of gemstones in boxes and containers (trays) offers ideal conditions for an RFID-based software edition.

## eXtra4<gemID> Software Editions and Prices

Editions	Lite	Basic	Small Business	Business	Business RFID**
Gemstone management	■	■	■	■	■
Classification	■	■	■	■	■
Labelling	■	■	■	■	■
Search functions	■	■	■	■	■
List printing	■	■	■	■	■
Inventory	■	■	■	■	■
Process management with Address management + Stock control		■	■	■	■
Presentation module/Sales Force functions Media management			■	■	■
Multi-user capability				■	■
RFID functions**					■
Support Units included	20	40	60	120	240
Item number	92 X4GI-L	92 X4GI-B	92 X4GI-M	92 X4GI-S	92 X4GI-R
Price in € plus VAT.	350,00	600,00	900,00	1.800,00	3.000,00
* available as beta-version ** in development			System requirement: Microsoft – Windows 7/8(i)/10		

### Licensing

The purchase of a license entitles the user to use the software on a single computer. This single-user license includes a one-year subscription, i.e. from the date of purchase the buyer receives all software updates free of charge for 12 months.

If several employees are to be able to work with the gem management, an edition with multi-user capability allows eXtra4<gemID> to be used on

any number of computers within a company.

### Language versions

The gemstone management software is currently designed monolingual and only available in German.

An English version for international use is planned in the long term. The corresponding translation has already been realized in parts.

### Updates and Releases

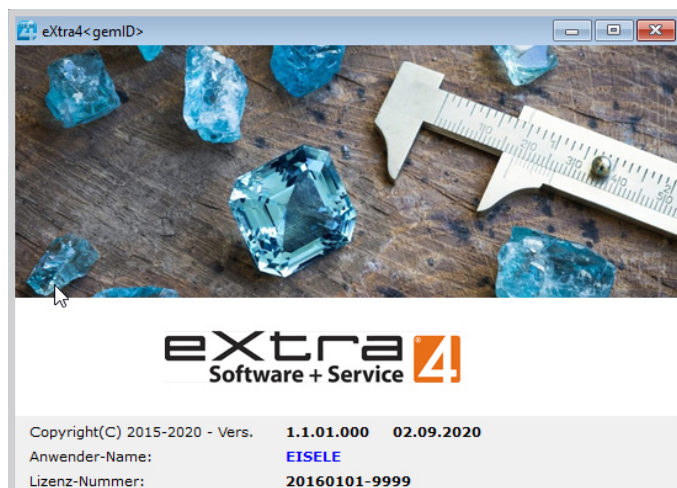
For software updates users of eXtra4 <gemID> have two options:

■ Permanent update – annual subscription: The software version is permanently kept at the latest state of development with updates. The annual subscription fee is 30% of the license price and when purchasing a user license it is included in the price for one year from the date of purchase.

■ On-demand update – user triggered: The on-demand update is useful where the application initially works to the user's satisfaction and fully performs all required functions. There is no

automatic update caused by innovations in the software. The application remains constant in its possibilities over a longer period. Only possible errors occurring in this phase are eliminated free of charge by bugfix updates.

On-demand updates include an appropriate support contingent in the price and can be purchased at 66% of this edition's license price, when new requirements arise.



### More information at [www.extra4.com](http://www.extra4.com)

If you are interested in more software details, please contact us. You will get access to the full version of the software and can get advice on the adaptation to local conditions

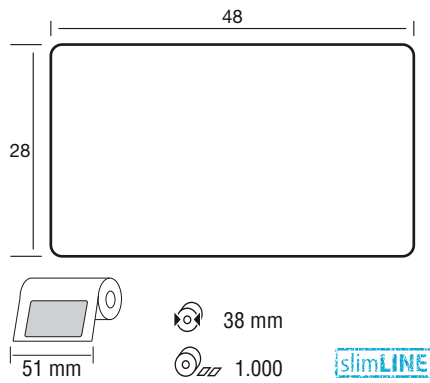


## eXtra4<gemID> Hardware Components for Gemstone Management

31 2848

Labels and hardware are distributed under the brand "eXtra4 Labelling Systems" by Ferdinand Eisele GmbH.

**eXtra4**  
Labelling Systems



Suitable for  
transparent gem boxes (55x33 mm)

### 31 2848 P1

15.05.2023

TT-PAP, Paper, white

A1, A2, A3 81 TTW1-060Z, 81 TTW1-057Y

	1.000	5.000	10.000	20.000	30.000	50.000
€ / 1.000	25,95	22,60	19,75	17,10	14,30	12,40
€ / ☉	25,95	22,60	19,75	17,10	14,30	12,40

### 31 2848 PA1

15.05.2023

TT-PAPA, Paper, white  
removable

A1, A2, A3 81 TTW1-060Z, 81 TTW1-057Y

	1.000	5.000	10.000	20.000	30.000	50.000
€ / 1.000	26,95	23,50	20,65	18,25	15,40	13,00
€ / ☉	26,95	23,50	20,65	18,25	15,40	13,00

### 31 2848 E1

15.05.2023

TTK-PE, white mat

A1, A2, A3 81 TTK1-065Z, 81 TTK1-057Y,  
81 TTW1-060Z, 81 TTW1-057Y

	1.000	5.000	10.000	20.000	30.000	50.000
€ / 1.000	28,50	25,10	22,20	19,65	16,75	14,55
€ / ☉	28,50	25,10	22,20	19,65	16,75	14,55

## Scanners 1D/2D



### 62 A-AS9400

Argox AS-9400, USB

119,00 €

12 month producer warranty (bring-in-service)

## Thermal transfer printers



### 61 G-RT200

Godex RT200, 200 dpi

299,00 €

3 years producer warranty (bring-in-service)

■ Exclusive from eXtra4 with online support

### 61 G-RT230

Godex RT230, 300 dpi

369,00 €

3 years producer warranty (bring-in-service)

■ Exclusive from eXtra4 with online support

## Thermal transfer carbon ribbons

Item No.	Width (mm)	Colour	Reel core	Length (m)	from 1 pcs	from 5 pcs.	from 10 pcs.
<b>Quality smudge proof</b> 81 TTW1-057Y	57	black	0,5 Zoll	74	7,50 €/Roll	7,10 €/Roll	6,70 €/Roll
<b>Quality scratch resistant</b> 81 TTK1-057Y	57	black	0,5 Zoll	74	8,50 €/Roll	8,05 €/Roll	7,70 €/Roll

Label(s)	Suitable printers	Reel core
Materials	Recommendation carbon ribbon	Labels per roll
Slim thermal transfer printers with standard reel core, diameter 38 mm/1.5 inch, max. web width 60 mm, suitable labels and carbon ribbons		

For additional products please see current catalogue and on request. All prices plus VAT.