

Pressemitteilung / Press Release



**Gemstone Management Software
now available for multi-user environment**

**Lapidary business application eXtra4<gemID>
in additional version**

Birkenfeld, 14.02.2019 The company eXtra4 Software+Service GmbH is expanding its range of software for the gemstone industry. The IT subsidiary of label manufacturer and specialist for identification technology Ferdinand Eisele located close to Pforzheim is expanding eXtra4<gemID>, its gemstone management application. In addition to the single-user edition "Basic", the "Business" edition is now available as a multi-user version. It will be presented to the public for the first time in March 21 – 26, 2019, during the Baselworld show on Stand G11, Hall 4.1.

Augmented Efficiency using Ident-Code and Scanner

Coded labels are the basis of gemstone management with the application eXtra4<gemID>. They carry the unique identity of each gem as an encrypted code. In contrast to standard software for stock management, the tool eXtra4<gemID> masters the crucial task of handling the combinatorial variety of quality features for gemstones.

Consistent labelling of the entire gemstone stock with the eXtra4<gemID> code leads immediately to an amazing increase in efficiency within the complete administration process. Code scanning provides all relevant information of each stone at any place any time. Time-consuming manual recording is no longer necessary. This eliminates errors and decreases costs due to

- less efforts for trade fair preparation,
- easier order entry,
- faster billing.

Distinctive gemstone profile as coded label

In order to make the combinatorial variety of quality features for the gemstone software eXtra4<gemID> manageable, the classification of each and every stone is essential. Users store all relevant stone types with their qualities, cuts, and shapes in the software on site. From this, gem classes are created and each item is assigned accordingly. In combination with the carat weight, the categorization within the eXtra4<gemID> software finally gives each single

gemstone a unique profile based on its individual characteristics.

This unique profile is encrypted by the software and printed on a label in three different ways:

- as descriptive key for trained sales personnel,
- as machine-readable matrix code for scanners,
- as plain text in excerpts for customer sales talks.

Edition "Business" with Client/Server Database

For the management of all stone profiles in their classes the gemstone software eXtra4<gemID> uses a database. The existing single-user solution operates as edition "Basic" with a database integrated on a local workstation computer. In contrast the new software edition "Business" uses the multi-user client/server database PostgreSQL. This allows direct database access from any number of workstations.

Developed in cooperation with lapidary business insiders

In 2016 Ferdinand Eisele presented under his brand "eXtra4" for the first time identification technology for gemstones to professionals. The software eXtra4<gemID> is based on decades of experience with labelling and identification for the jewellery and watch sector. Cooperation with manufacturers and dealers from the German gemstone centre Idar-Oberstein transposes this expertise into the lapidary business. An efficient software tool for classification, identification and streamlining of gemstones has been created. A

further software edition for the use of RFID is already in development. A first impression of this innovative type of gemstone management can interested parties also get during Baselworld 2019 in Hall 4.1 at Stand G11. (3.460 Zeichen inkl. Leerzeichen)

Images with captions



Fig.1: Management software for gemstones eXtra4<gemID> for multi-user environment as "Edition Business"



Fig.2: Coded label for the management of gemstones with eXtra4<gemID>

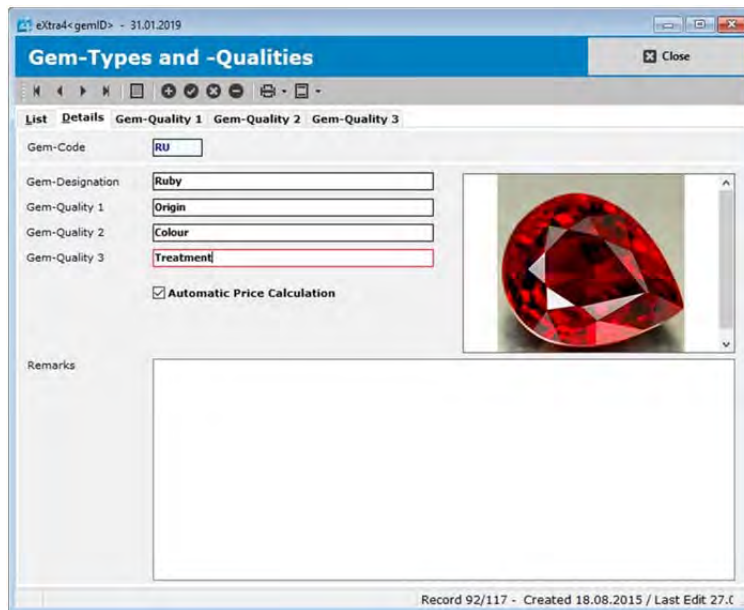


Fig.3: Classification of gemstones with the software eXtra4<gemID>

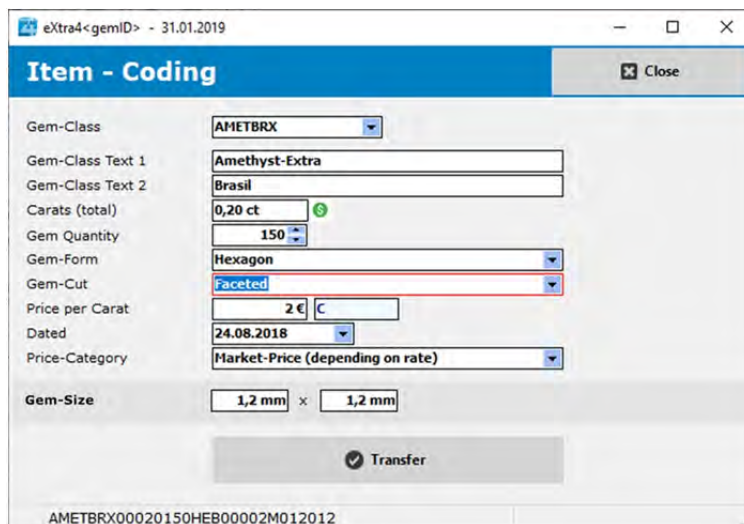


Fig.4: ID code generation with eXtra4<gemID> from the individual data of a gemstone



Fig.5: Logo eXtra 4 Software + Service GmbH