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Advisor 5 Good Reasons to Move Forward
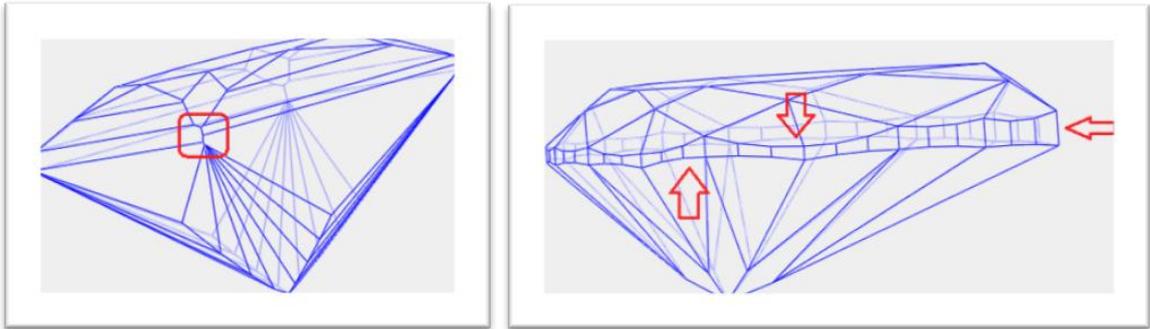
Value

Safety

Communication

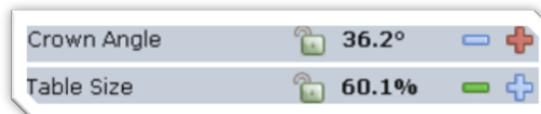## Simplicity

PRODUCTIVITY

Value

- **Asymmetric Planning** – Maximize your yield, increase your confidence in the end result and narrow the gaps between planning and manufacturing. With Advisor 5.0's new Asymmetric Planning Option, you can manually modify specific facets or automatically search for the largest solution, trading off symmetry for weight. Advisor 5.0 is being released with support for the Princess, Pear and Emerald shapes. Additional shapes will be added in future versions.
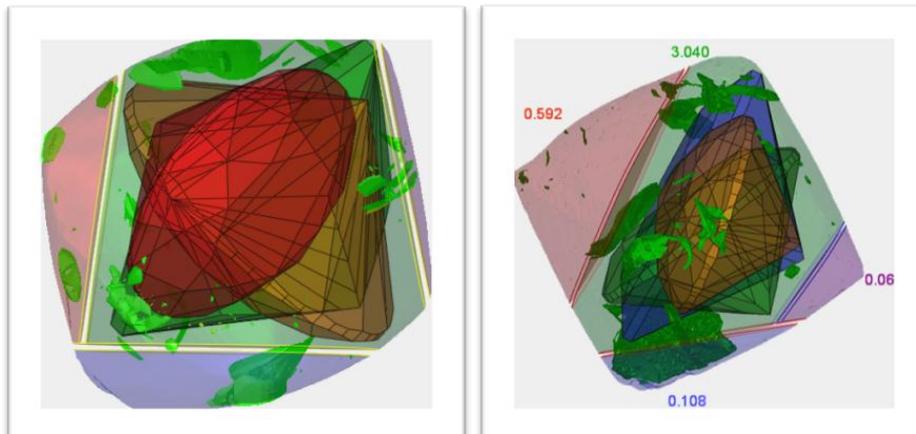

Uneven Girdle Heights on Princess & Pear Shapes

- **Borderline Warnings** – The new and improved calculator tool provides Cut grade borderline indications that enable you to either improve the current plan's Cut grade or avoid a grade reduction by maintaining a relevant safety distance. This tool is especially useful for GIA plans where the Cut grade depends on multiple interlinked parameters and the planner needs to consider multiple parameters simultaneously.

- **Stone Opening Tool** – In the current business environment, uncertainty is your worst enemy! The Stone Opening Tool allows you to minimize unknown factors before selecting the final plan. You can display several possible planning solutions one on top of each other (overlapping) and select blocking/processing instructions that will maintain your freedom in choosing between all the contemplated solutions. By using this tool you can remove unwanted impurities or open large windows that will allow you to the plans' actual Clarity grades, enabling you to make a safer decision while preserving more options.
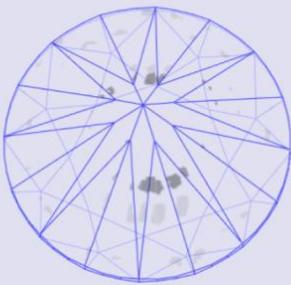
- **Skin Inclusion** – The Skin Inclusion Tool from the Advisor Professional Inclusion package is now provided as part of the Advisor standard version! This wonderful tool allows you define surface inclusions or cavities in a matter of seconds in order to avoid them during the planning process. Using this tool will help you achieve the desired Clarity or maintain the planned Clarity during the manufacturing stages thus increasing the polished stones' value.

- **Clarity Comparison Tool** – You can now compare inclusion locations and their reflections among several possible plans. Judge the Clarity more effectively or even select the best "SI1" plan among several similar Clarity plans. This new features displays 2-4 results side by side, allowing you to compare and select the solution with the highest value.
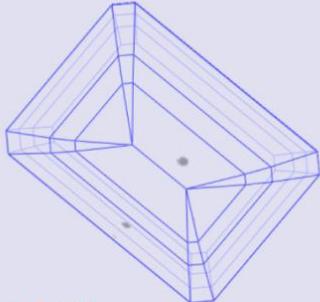

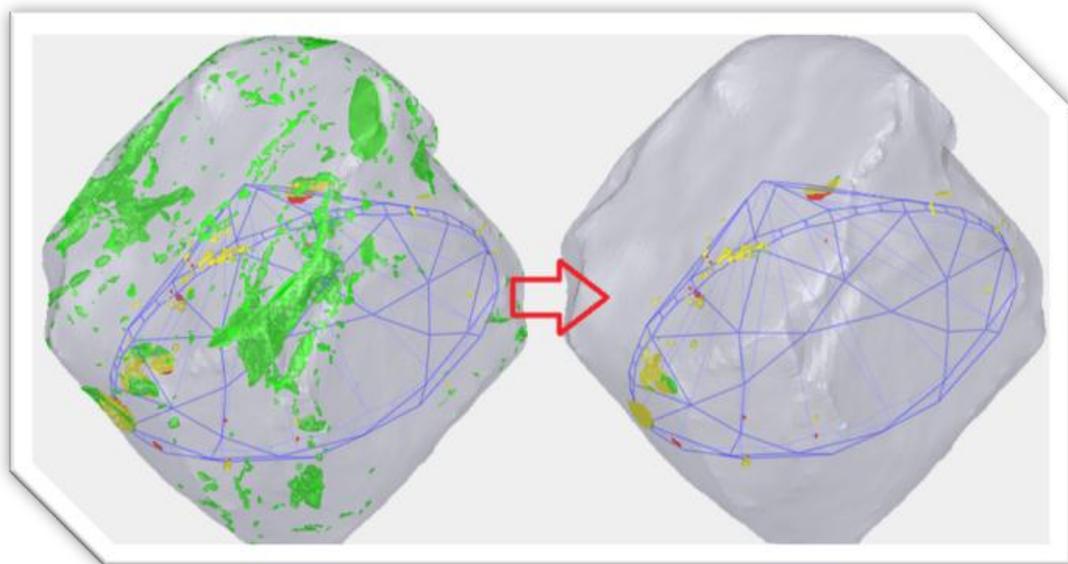- **Realign After Bruting** – This new capability enables using the Galaxy data further and further into the manufacturing stages. With Advisor 5.0 you can transfer all the planning information, including the inclusion representation, to the stone, even after the bruting process, optimizing the stone size and Clarity, and verifying that your selected plan is still achievable.

Productivity

- **Multi-Apps –**The new version allows you to open several Advisor TABs simultaneously, so you can work on more than one stone at a time. For example, running a best value program or planning a Galaxy stone may take time. Until now no additional work could be done until the planning process was complete. Now additional functions can be performed while running applications with extended processing times, such as trying different solutions on the same stone or loading, mapping and beginning to work on the next stone. In addition, there are many cases where you may want to keep a stone open in order to show it to someone, or if someone wants to show you a specific stone while working on another stone. To avoid loading and saving actions you can simply open the files simultaneously.
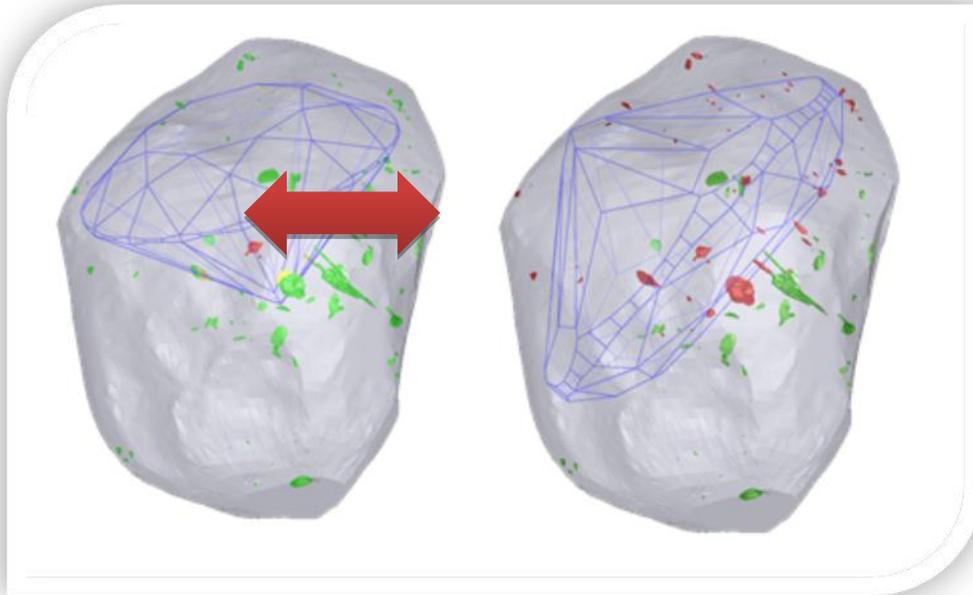

- **Show Inclusions in Polish Vicinity** – View, select and manipulate all the inclusions that are close to the surface of a planned polished stone. This time saving feature will significantly shorten the planning time by replacing dozens of user actions with a single click. Now you can focus on your current plan, hide obscuring impurities and check different planning options by trading size for Clarity in a matter of seconds
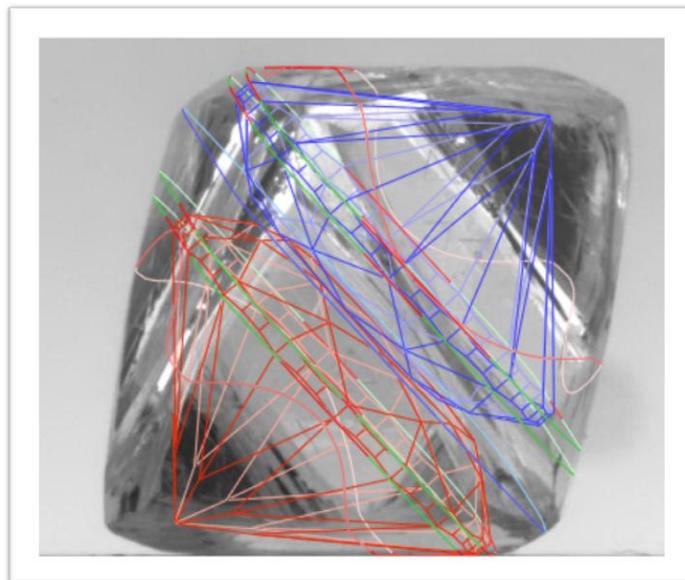

- **Recovery Tool** – Advisor 5.0 now constantly saves your work progress in the background. In case of power failures, network problems or even application mishaps, you can restore your work to the last backup point instead of restarting the whole process from scratch. This new capability can save hours of planning or QC work, expediting the whole cycle and improving the operator's experience.

- **Restore Option** – Toggle between different inclusion planning environments with a single mouse click! While working with stones that contain multiple inclusions, it is necessary to define how the application should relate to each inclusion. With Advisor 5.0 you can switch between all the inclusion states and safety distance definitions according to the relevant result with a single operation, thus saving valuable time, while focusing on the actual plan.
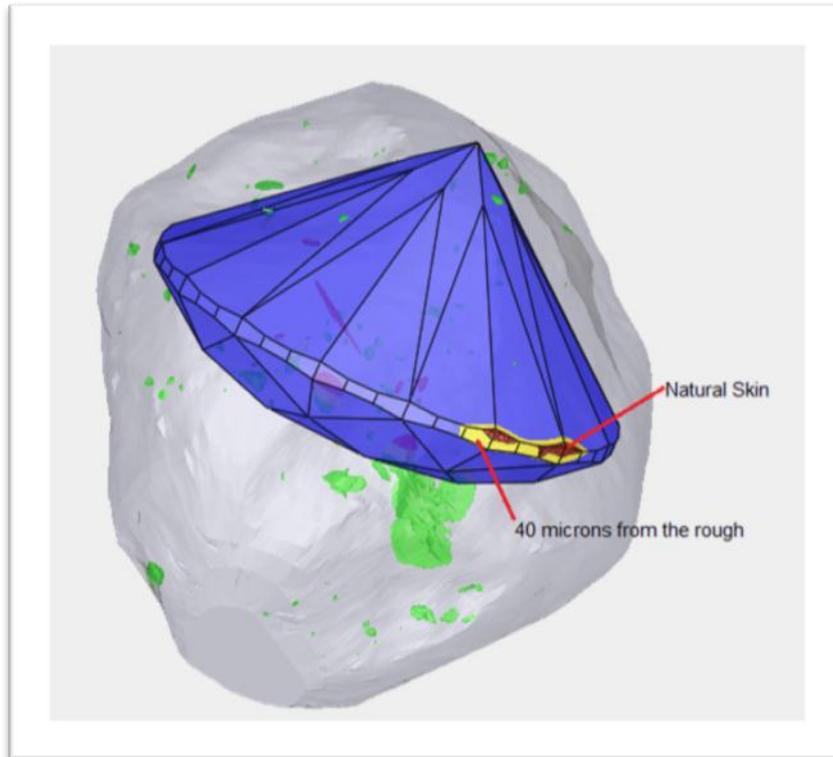

- **Multi Polish Marking** – Marking productivity has been improved, allowing the operator to mark all the planned polished stones simultaneously. In the past the user had to select each polished stone independently and define the items he wishes to mark. With Advisor 5.0 you can mark several polished stones with minimum user intervention.

- **Planning Speed –** Sarin is constantly investing in improving its products' productivity. Under the new version, the planning speed of Galaxy stones (multiple inclusions) has increased, allowing you to plan more stones during the same amount of time without losing any value!
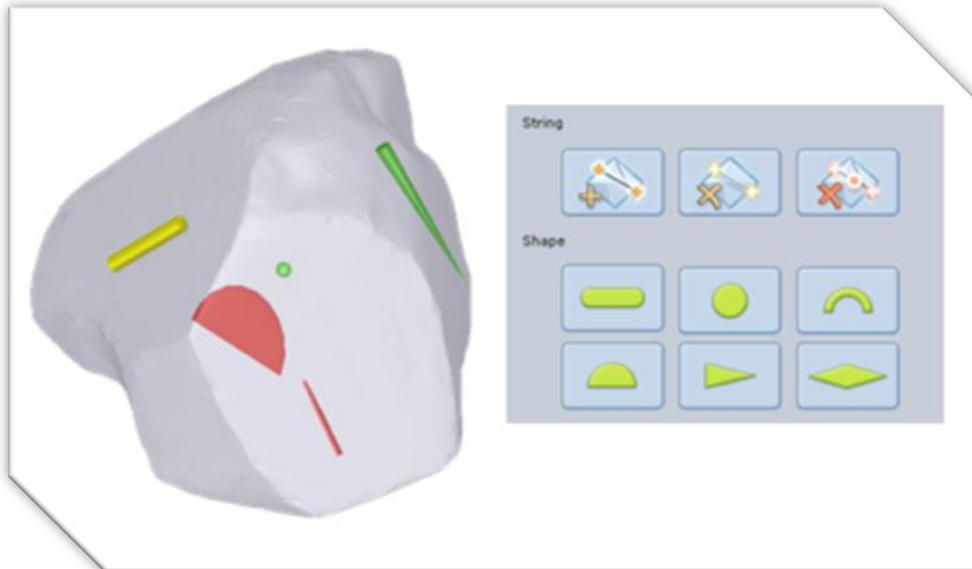
Safety

- **Critical Areas Notification** – Get a visual indication of the polished stone's distance from the rough stone's surface. Easily identify natural skins and critical areas. Apply a safety buffer or even manually push a specific polished facet away from the critical areas when required.
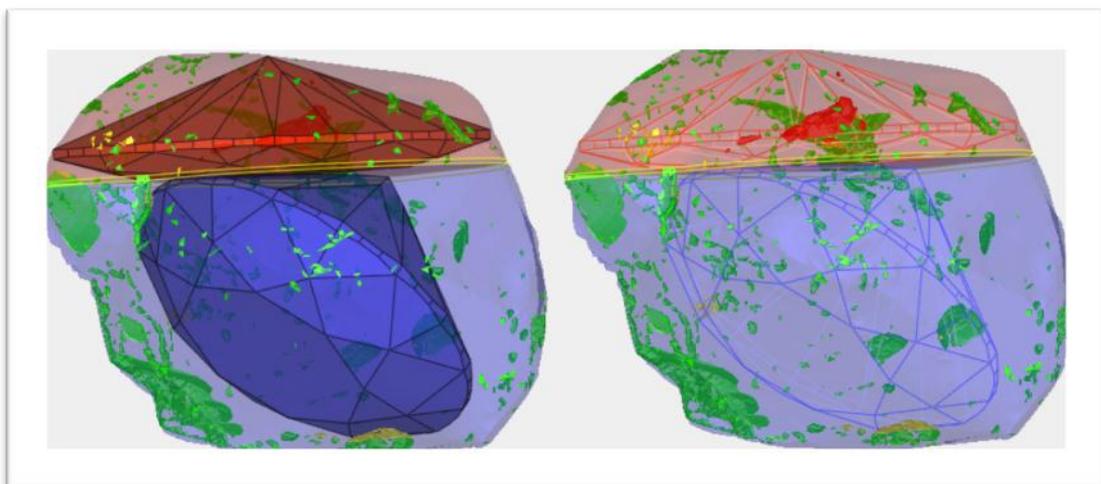

- **Marking** – Avoid laser marking damages by manually defining critical areas where marking should not take place. Critical areas could be natural cavities in the rough stone or areas that are close to another planning option and will leave laser lines on the final polish stone if marked on the rough stone.

Simplicity

- **Manual Inclusions** – A new, simple and easy user interface allows you to manually define inclusions and consider them during the planning process. We have taken the familiar ball inclusions one step forward, providing an extremely fast solution for simpler rough stones . Enjoy all the advanced planning tools from Galaxy and DiaExpert Eye systems for all your ranges of stones!
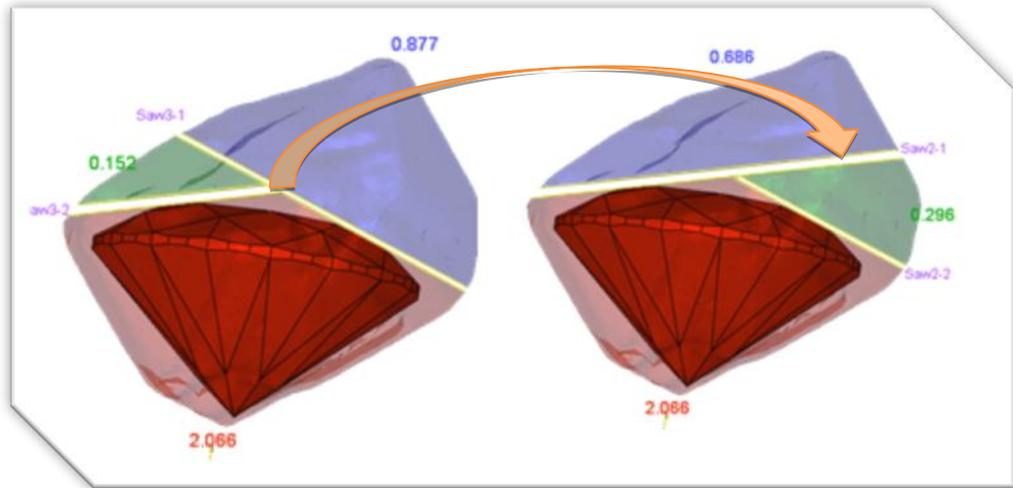

- **Remainder Shortcut –** A simple right click option that allows you to add a remainder saw plane to a given facet was added to the planning screen, saving time and simplifying the planning process.

- **Polish Wire View –** In the current planning environment, the planner has to deal with enormous amounts of information. Displaying the polished stone as wireframe in the 3D view makes it easier for the operator to understand the three dimensional structure of the plan.
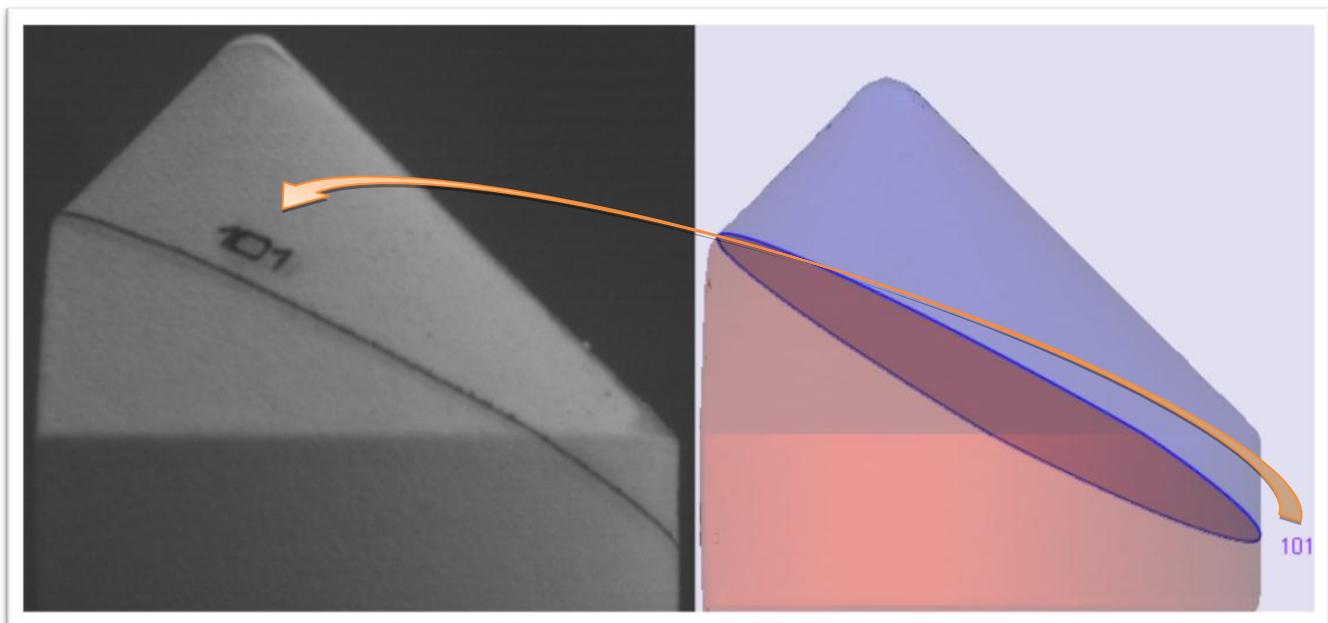

- **Backwards Compatibility –** Although the new version contains dozens of new features and capabilities, Sarin has made sure that any existing operation could start using the new version without any training on the same level of previous versions, making the assimilation process much easier.

- **Saw Plane Manipulation** – Advisor 5.0 includes right click options that simplify the entire saw plane manipulation experience. You can stretch partial saw planes to the full extent of the rough stone in order to compare different planning options (see figure below) or delete a saw plane to realign or re-position pie planes.
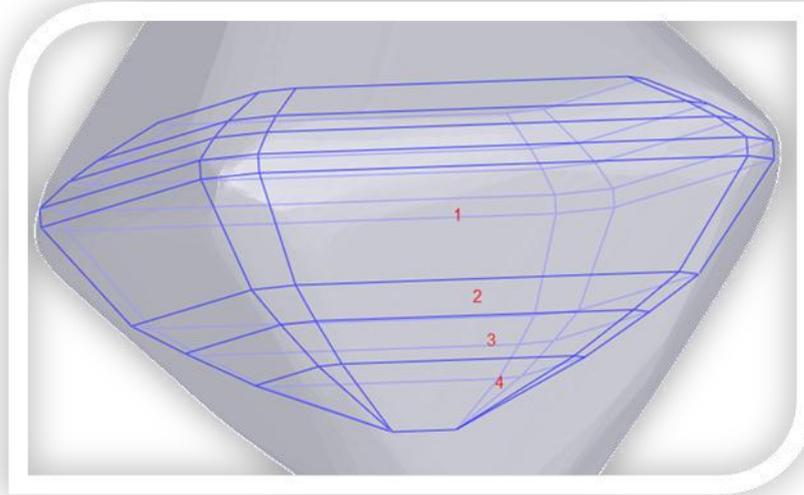

Communication

- **Marking** - Good communication can prevent errors! With Advisor 5.0 you can view, print and even mark the saw plane name on the actual stone to improve the communication between the planner and the laser sawing operator. In addition, the planner can mark symbols, free hand symbols or even write comments for sawing guidelines.

Additional Features

- **4 Step Emerald** – A new shape was added to the default application bank of shapes.

Emerald with four facet groups on the pavilion side

- **Saving Warning Message** – The application will prompt you to save the current stone before measuring or loading a new stone providing you haven't saved it already.
- **Sawless Planning (auto pie planning)** – The sawless planning algorithm has been improved to support larger and more complicated stones, returning solutions with higher yield.
- **Realign** – Realign accuracy has increased, providing higher confidence on the end result from the first planning stage.
- **Weight After Coning** – With the growing penetration of cone blocking, calculating the weight of package after the coning procedure is crucial. The new Nano label contains full information about the package including the estimated weight after the coning process, allowing you to quickly measure the whole package weight and compare it to the expected weight as part of the QC process.
- **Calculator Improvements –** The new calculator (Fine Tune Mode) allows you to move all the available facet groups including secondary and corner facets manually. In addition Do/Undo options are available for all actions.
- **Saw Planes Line Type –** you can now select a different line type for each saw plane (full, dashed, dotted etc...) separately.
- **Training Clips –** The installation contains short clips for each major feature which explain why and how to use the feature. The clips can also be found on YouTube under the following link: http://www.youtube.com/user/SarinTechnologiesLtd/videos