Bug Fixes:

- Toolbar: Curves: Flip Curve:
  - The Flip Curve icon was slightly larger than the rest, causing a minor issue with switching between the Curve category and any other category. The Flip Curve icon has been resized to fit properly.
- Older Files: Gumball/ViewPort Control Handles (VPCH): Move/Rotate:
  - Some files from previous versions of MatrixGold were not populating the Move/Rotate VPCH. Those VPCH should now show in the Viewport where applicable.
- Toolbar: Curves: Extrude Curve:
  - The last release introduced a bug with Extrude Curve, which prevented it from working with open curves. This has been resolved, and Extrude Curve should work with open curves again.
- Preferences: Status Bar: Status Bar preferences were saving but not populating correctly on launch. Now, those preferences should save and load correctly between sessions.

General Improvements:

- Tools: Profile Placer: Placement Method:
  - New Placement Method – Frontal
  - This orientation behaves similarly to Matrix Legacy and RhinoGold, keeping profiles perpendicular when assigned to non-planar rails.
- Tools: Gems: Gem On Curve:
  - Spacing Method: Fixed:
    - Fixed Spacing should now work correctly.
  - Start Type: Gem Edge:
    - Added functionality for Gem Edge starting position.
- UI Updates:
  - More UI updates.
  - Context Menu Updated.
  - Ring Resizer Panel Updated.
  - Gem Input Window Updated.
  - Expander Updated.
  - Localized ComboBoxes:
    - Tools: Gems: Gem On Curve:
      - Gem Orientation Methods:
        - Origin
        - Axis
        - Down
      - Gem Placement Methods:
        - Girdle
        - Culet
        - Table Gem
      - Spacing Methods:
        - Minimum

- o Minimum Scaled
- o Fixed
- ▪ Tools: Settings: Head:
  - • Base Styles:
    - o Head
    - o Head Point
    - o Head Cut to Point
- ▪ Tools: Tools: Profile Placer:
  - • Profile Placement Method:
    - o Auto
    - o X
    - o Y
    - o Z
    - o Flat
    - o Frontal
- • Legacy Migration: Outside Ring Rails:
  - o Legacy Matrix Migration Wizard should now correctly populate Outside Ring Rails, allowing users to import and use legacy outside ring rails.
- • Tools: Solid: Object On Curve:
  - o Added functionality to select multiple reference objects to add to the curve. Previously, only one could be selected.
- • Geometry: Objects: Planar Objects:
  - o Prevented scalar handles from collapsing into one location on planar objects.
- • Tools: Ring Resizer: Various:
  - o In some cases, the default tolerance was causing odd shapes to appear in some files.
    - ▪ The tolerance has been lowered, and the odd shapes should not appear.
  - o Added functionality to check for invalid geometry.
    - ▪ Added an associated warning message if invalid geometry was found.
  - o In some cases, grid amplification prevented some valid geometry from being added to the document.
    - ▪ The grid amplification has been increased, and the geometry should now populate.
  - o In some cases, Ring Resizer located a curve on the Ring Rail and treated it as the Ring Rail.
    - ▪ Added a check to prevent those cases from occurring.
  - o Added Korean Ring Sizes.
- • Tools: Settings: Halo:
  - o Halo Override:
    - ▪ Added new functionality to adjust the Halo's shape without adjusting the center stone.
- • Tools: Tools: Tech Report:
  - o Added functionality to save tech report as PDF.
- • Tools: Tools: Gem Report:
  - o Added functionality to export gem report as TXT file.

- o   Fixed additional cases involving the 'Only Visible' option.
- Tools: Cutters: Micro Prong Cutter:
  - o   VPCH will now rotate along with the cutter.
- Tools: Gems: Gem Guides:
  - o   Center Point Toggle:
    - ▪   Fixed the orientation of the Center Gem Guide when the Gem is rotated.
  - o   Added functionality to toggle the Center Gem Guide's direction.
    - ▪   The Center Gem Guide can point toward other Gem Guides.
    - ▪   Only available when the Center Gem Guide is enabled.
- Tools: Gems: Gem On Surface:
  - o   Fixed and issue where VPCH was sometimes attached to wrong gem.
- Tools: Gems: Custom Gem Builder:
  - o   Added localization.
  - o   Fixed issue of controls failing when set to French language.

New Features:

- Tools: Curves: Dynamic Change Seam:
  - o   gvChangeSeam
  - o   This tool allows the designer to change the seam point of a curve and retain parametric capabilities.
- Tools: Curves: Dynamic Project:
  - o   gvProject
  - o   This tool allows the designer to project curves and retain parametric capabilities.
- Tools: Curves: Dynamic Rebuild:
  - o   gvRebuild
  - o   This tool allows the designer to rebuild a curve and retain parametric capabilities.