# spGate リリース履歴

2024.2.29
Armonicos Co.,Ltd.

| 年 | 月 | spGate Version | 主な機能拡張 | 対応OS | | | | | | | | | Protect Driver | 入出力バージョン（R=Reader, W=Writer） | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Windows | | | | | | Windows Server | | | | CATIA V4 | CATIA V5 | NX (UG) | Creo (Pro/E) | I-deas | Alias (Studio Tools) | SOLID WORKS | Think Design | Rhino ceros | CAM-TOOL | spGauge | spScan | spGate Viewer | Maya | JT | Parasolid | ACIS | STEP | IGES | STL | OBJ | CFIO |
| | | | | XP | Vista | 7 | 8.1 | 10 | 11 | 2008 | 2012 | 2016 | | R/W | R/W | R | R | R/W | R/W | R | R/W | R/W | W | W | R/W | W | W | R/W | R/W | R/W | R/W | R/W | R/W | R/W | R/W |
| 2001 | 11 | 1.0.0 | PDQチェック、ヒーリング | 32 | | | | | | | | | | 4.2.X | | V15 | V20 | MS7 | | | | | | | | | | | 12.0 | 6.3 | 203 | 5.3 | | | |
| 2002 | 2 | 1.1.3 | フィレット/テーパー 認識 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2002 | 8 | 2.0.5 | CATIA V5対応 | | | | | | | | | | | | V5R8 | V18 | | MS8 | | | | | | | | | | | 13.0 | 7.0 | | | | | |
| 2002 | 10 | 2.1.1 | フィレット除去 | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | | | | |
| 2003 | 1 | 2.2.1 | バッチ処理 | | | | | | | | | | | | V5R9 | | | | | | | 2.0 | | | | | | | | 8.0 | | | | | |
| 2003 | 6 | 2.3.3 | Rhinoceros対応 | | | | | | | | | | | | V5R10 | | 2000i2 | | | | | 3.0 | | | | | | | | | | | | | |
| 2003 | 11 | 3.0.5 | フローティングライセンス | | | | | | | | | | | | V5R11 | | | | | | | | | | | | | | 14.1 | 11.0 | | | | | |
| 2004 | 6 | 3.1 | | | | | | | | | | | | | V5R12 | NX | 2001 | | | | | | | | | | | | | 12.0 | 203/214 | | | | |
| 2004 | 9 | 3.2 | | | | | | | | | | | | | V5R13 | 2 | WF | 10NX | | | | | | | | | | | 15.0 | 13.0 | | | | | |
| 2005 | 3 | 4.0 | アセンブリ | | | | | | | | | | | | V5R14 | | WF2 | | | | | | | | | | | | 16.0 | 14.0 | | | | | |
| 2005 | 10 | 4.1 | 陰面除去機能、OBJ出力、spGauge/Studio Tools/Thinkdesign対応 | | | | | | | | | | | | V5R15 | 3 | | 11NX | 12.0 | | 2005.1 | | | 6.2.4 | | | | | | 15.0 | | | | | |
| 2006 | 5 | 5.0 | ドッキングペイン（UI拡張）、複数バージョンインストール | | | | | | | | | | | | V5R16 | | | | 13.0 | | 2005.X | | | 6.3.2 | | | | | 17.0 | 16.0 | | | | | |
| 2006 | 11 | 5.1 | | | | | | | | | | | | | | 4 | WF3 | 12NX | | | | | | | | | | | | | | | | | |
| 2007 | 5 | 6.0 | spLAT（FLライセンス管理） | | | | | | | | | | | | V5R17 | | | | | | | | | | | | | | 18.0 | | | | | | |
| 2007 | 11 | 6.2 | 64bitOS対応、spScan/SOLIDWORKS対応 | 32/64 | | | | | | | | | | | | 5 | | | | 2007 | | | | 7.0.0 | 2.5 | | 8.0 | | | 17.0 | | | | | |
| 2008 | 5 | 6.3 | ポリゴンエディタ、Windows Vista対応 | | 32/64 | | | | | | | | | | V5R18 | | | | 2008 | 2008 | | | | | | | | 8.1 | 19.0.172 | 18.0 | | | | | |
| 2008 | 11 | 6.8 | スペースボール対応 | | | | | | | | | | | | | | | | | | 2008.1 | 4.0 | | 7.5.0 | | | | | | | | | | | |
| 2009 | 5 | 2009.1 | | | | | | | | | | | | | V5R19 | 6 | WF4 | | 2009 | | | | | | | | | | | R19 | | | | | |
| 2009 | 11 | 2009.2 | | | | | | | | | | | | | | | | | | 2009 | | | | 2009.1 | | | | 9.0/9.1 | 20.0.118 | R20 | | | | | |
| 2010 | 5 | 2010.1 | ２D展開 | | | | | | | | | | | | | | | | 2010 | | 2009.3 | | | | | | | | | | | | | | |
| 2010 | 11 | 2010.2 | 計測機能、Windows 7対応 | | | 32/64 | | | | | | | 7.6.1 | | V5R20 | 7 | WF5 | | | 2010 | | | | 2010.2 | 2010.1 | | | | 22.0 | R21 | | | | | |
| 2011 | 5 | 2011.1 | CAM-TOOL対応、ポリゴンエディタ統合 | | | | | | | | | | | | | 7.5 | | | 2011 | 2011 | | | 6.2 | | 2010.2 | | | | | | | | | | |
| 2011 | 11 | 2011.2 | | | | | | | | | | | | | | | | | | | 2010.1 | | | | 2011.1 | | | | | | | | | | |
| 2012 | 5 | 2012.1 | IGES Format Checker | | | | | | | | | | | | V5R21 | | 1.0 | | 2012 | 2012 | | | | | 2012.1 | 2012.1 | | | | R22 | | | | | |
| 2012 | 11 | 2012.2 | | | | | | | | | | | | | V5R22 | 8.0 | | | | | | | | | | | | | 24.0 | | | | | | |
| 2013 | 5 | 2013.1 | 直接フィレット除去、Job-Manager | | | | | | | | | | 7.6.6 | | | | 2.0 | | 2013 | 2013 | 2012.1 | | | 2012.1 | 2013.1 | | | | 25.0 | R23 | | | | | |
| 2013 | 11 | 2013.2 | | | | | | | | | | | | | V5-6R2013 (R23) | 8.5 | | | | | | 5.0 | | 2013.1 | | | | | | | | | | | |
| 2014 | 8 | 2015.1 | 形状比較 | | | | | | | | | | | | | 9 | | | 2014 | 2014 | | | | | | | | | 26.0 | R24 | | | | | |
| 2015 | 2 | 2015.2 | | | | | | | | | | | | | | | | | 2015 | | | | | | | | | | | | | | | | |
| 2015 | 8 | 2016.1 | フィレット/テーパー/穴/平面高さ 認識、Windows 8.1対応（Windows XP、Vistaサポート終了） | | | | 64 | | | | | | 7.6.7 | | V5-6R2015 (R25) | 10 | 3.0 | | | 2015 | | | 10.1 | | 2015.1 | | | | 27.0 | R25 | | | | | |
| 2016 | 2 | 2016.2 | Windows Server OS対応 | | | | | | | 64 | 64 | | | | | | | | 2016 | | | | | | 2016.1 | | | | | | | | | | |
| 2016 | 8 | 2017.1 | 板厚/幾何曲面 認識、G1内挿面、大容量対応、Windows 10対応 | | | | | 64 | | | | | 7.6.8 | | V5-6R2016 (R26) | | | | | 2016 | | | | | | | | | 28.0 | 2016 1.0 | | | | | |
| 2017 | 2 | 2017.2 | | | | | | | | | | | | | | | | | | | | | | | 2016.2 | | | 9.5 | | | | | | | |
| 2017 | 8 | 2018.1 | 面ひずみチェック、アンダーカットチェック、凹R逃がし、あたり補正、　干渉チェック、形状認識（隙間） | | | | | | | | | | | | V5-6R2017 (R27) | 11 | | | | 2017 | | | | 2017.1 | 2017.1 | | | | 29.0 | 2017 1.0 | | | | | |
| 2018 | 2 | 2018.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 8 | 2019.1 | 電極作成、ボクセル化、ゼブラマッピング、アイコンデザイン変更 | | | | | | | | | | | | V5-6R2018 (R28) | 12 | 4.0 | | | 2018 | | | | | | | | | 30.0 | 2018 1.0 | | | | | |
| 2019 | 2 | 2019.2 | | | | | | | | | | | | | | | 5.0 | | | | | | | | | | | | | | | | | | |
| 2019 | 8 | 2020.1 | CFIO対応、干渉チェック（バッチ処理）、フィーチャ認識、Windows Server 2016対応 | | | | | | | | | 64 | 7.6.9 | | V5-6R2019 (R29) | | | | | 2019 | | 6.0 | 13.1 | | | | | | 31.0 | 2019.1.0 | | | | | R |
| 2020 | 2 | 2020.2 | Windows 7、Windows Server 2008 R2サポート終了 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 8 | 2021.1 | グループペイン、フィーチャー自動認識、ガイドダイアログ、Windows 8.1サポート終了 | | | | | | | | | | | | V5-6R2020 (R30) | 1872 | 6.0 | | | 2020 | | | | | | | | | 31.1 | 2020.1.0 | | | | | R/W |
| 2021 | 2 | 2021.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 8 | 2022.1 | カラーパレット、数式指定曲面 | | | | | | | | | | | | V5-6R2021 (R31) | 1953 | 7.0 | | | 2021 | | | | | | | | | 33.0 | 2021.1.0 | | | | | |
| 2022 | 2 | 2022.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 8 | 2023.1 | 構成要素名(Parasolid)⇔グループ名、レイヤー毎自動ヒーリング、3D注記 | | | | | | | | | | | | V5-6R2022 (R32) | 2007 | 8.0 | | | 2022 | | | | | | | | | 34.0 | 2022.1.0 | | | | | |
| 2023 | 2 | 2023.2 | Windows 11対応 | | | | | | 64 | | | | 7.7.1 | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 8 | 2024.1 | CATProduct出力、対応OSアラート | | | | | | | | | | | | V5-6R2023 (R33) | 2212 | 9.0 | | | 2023 | | | | | | | | | 35.0 | 2023.1.0 | | | | | |
| 2024 | 2 | 2024.2 | | | | | | | | | | | | | | 2306 | | | | | | 7.0 | | | | | | | | | | | | |

※[SOLIDWORKS Reader] [JT Reader/Writer] はオプションです。それ以外は全て標準構成に含まれています。

※ここに記載されている会社名、製品名などは、各社の商標または登録商標です。　詳細は右記をご確認下さい。（ https://www.armonicos.co.jp/products/spgate/ ）