

## **Release Notes DriveCAD Version 25.2**

**Date: May 09, 2025**

### **General:**

- Accommodates small sizes DR2C.A

## **Release Notes DriveCAD Version 25.1**

**Date: April 11, 2025**

### **Products:**

- Integration of the PxG® CM3G precision planetary gearmotor in size 10
- The XV A encoder attachments can now be configured for the DRN71MS, DRN71M and DRN80MK motors.
- Integration of the KES..67 stainless steel gear unit with the AESMS and AESQS adapters. In addition, the reinforced bearing for KES.. can be selected.
- Inclusion of MDP92 and MDC90A-0005-50X-X-000 in the product tools.

## **Release Notes DriveCAD Version 2.50**

**Date: January 31, 2025**

### **Products:**

- New integration of the CM3P.. In sizes 71, 80 and 100.
- New integration of the PxG® CM3G precision planetary gearmotor in sizes 71 and 80.
- New options (oil drain, gear unit breather, sealing system and hollow shaft cover) for the P gear unit are available for selection.
- Integration of new MOVITRANS® TES31A, TPM30A, THM20C/E, TDM80E, TDM90E and TFS50A for DriveCAD.
- ESS energy storage systems can now be called up in DriveCAD.

## **Release Notes DriveCAD Version 2.49 SP2**

**Date: November 29, 2024**

### **General:**

- Correction of minor errors.

## **Release Notes DriveCAD Version 2.49 SP1**

**Date: November 08, 2024**

### **Products:**

- ECDriveS® portfolio expansion: 48 V technology, 1.9 inch rollers for the US market and new device variants

## **Release Notes DriveCAD Version 2.49**

**Date: October 04, 2024**

### **General:**

- Stand-alone gear units R07/A and R17/A with the new housing and LIA105 flange.

### **Products:**

- For DRN and DR2S motors in size 63, .K8. add-on encoders are now available.
- Support for terminal box without encoder for CMP50-100
- Integration of the replacement geometries (flanges, output shaft end) for the replacement of CM71-112 by CM3C
- Size extension for X.e agitator X150-210
- Inclusion of KT19 and KT29 output designs.
- Integration of the automated dimension sheet for the ML..2 series.
- Fieldbus gateway PROFINET; EtherNet/IP, FW11 available for MOVITRAC® basic.
- MOVITRAC® classic frequency inverters in sizes 0S and 0L. In performance classes from 1.7 A to 24 A.
- MOVIPRO® technology can now be configured in sizes 3E.

- Integration of the connector for an external braking resistor into the models of the electronics covers in decentralized inverter technology.

## **Release Notes DriveCAD Version 2.48 SP2**

**Date: August 16, 2024**

### **General:**

- Correction of minor errors.

## **Release Notes DriveCAD Version 2.48**

**Date: July 12, 2024**

### **Products:**

- MOVIMOT® performance ELV is extended with the new motor size DCA80M-4LP and the new gear unit size PNZ80A
- The scope of drives in the ECO2 design in DriveCAD has been extended
- New AQSA adapters have been added. Sizes: AQSA100/6, AQSA100/7, and AQSA115/6
- DriveCAD models can be called up for W..9HG "High Gear Ratio" drives
- Optional flange diameter: 250-mm flange for K and F gear units can be selected
- Integration of helical gear units and bevel-helical gear units of the ML..2 series with gear unit types ML3P, ML4P, ML3R, and ML4R.
- The G..7 hoist gear units can now be called up in combination with the 12/2-pole DR2S motors.
- Support for size 8 for MOVIDRIVE® system/technology
- Support for size 8 for MOVITRAC® advanced
- Support for CSS51A safety option for decentralized electronics
- MOVIPRO® technology can now be called up in sizes 2, 2E, and 3 in DriveCAD.
- The EI7C can be configured as a safety encoder in open loop with MOVILINK® DDI for the DRN, DR2S, and DRU motor types, so that you can use the safety functions of the inverter.

## **Release Notes DriveCAD Version 2.47 SP2**

**Date: May 31, 2024**

**General:**

- Correction of minor errors.

## **Release Notes DriveCAD Version 2.47**

**Date: April 19, 2024**

**Products:**

- Support for synchronous DR2C.. drives in sizes 112 to 132S.
- The catalog for DRU.. drives of energy efficiency class IE4 has been completed.
- NEMA motor adapters can now also be configured for the P2.e industrial planetary gear unit.
- SPIROPLAN® gear units W..29HG, W..39HG, W..49HG, and W..59HG can now be configured with large gear ratios.
- MOVIMOT® has been extended to include combinations with DRU.. motors.
- The safe brake control with electronic switchover, SBM for short, can be called up via part number for sizes 1 and 2.
- Support for sizes 90 and 100 for MOVIMOT® advanced with DR2C.. in DriveCAD.
- Support for the 525 V variants of MOVITRAC® LTP-B.
- MOVITRAC® basic CAD models can be accessed via DriveCAD.
- The "Stepper module" function module is available for MOVI-PLC® I/O system C.

## **Release Notes DriveCAD Version 2.46 SP1 HF1**

**Date: March 22, 2024**

**General:**

- Correction of minor errors.

## **Release Notes DriveCAD Version 2.46**

**Date: January 26, 2024**

**Products:**

- The CM2H.. is now available as a stand-alone motor in B5 flange-mounted design.
- MOVILINK® DDI is now 4-pole up to and including size 225 for DRN.. and DR2S.. available. In addition, a selection for 2- , 6-pole DRN.. and DR2S.. is now available. 8-pole DRN.. have also been added and 4-pole DRU.. motors.
- MOVILINK® DDI is now available for DR2L.. available in sizes 90 to 225.
- New pole-changing DR2S.. motors in sizes 90-200 are available in the tools with pole numbers 4/2, 8/2, 8/4.
- The oil cooling systems OAC1, OAP1, OWC1, and OWP1 can now be configured for an X.e. ONP1 and ONP1L oil supply systems can also be configured for an X.e.
- Product maintenance of AMS.. and AQS.. adapters.
- Inch shafts for input shafts at R.., W.., K.., S.., F.. gear units with AD cover on the input side. The inch shafts can be selected under Options. Inch shafts are standard in the USA.
- Coating-free ECO2 aluminum natural in DriveCAD.

## **Release Notes DriveCAD Version 2.45 HF1**

**Date: October 27, 2023**

**Bug fixes/improvements - CAD:**

- Geometry of output flange corrected.
- Error with F gear unit reduced backlash corrected.

## **Release Notes DriveCAD Version 2.45**

**Date: October 13, 2023**

**Products:**

- New connection options for the .K8. and .V8. add-on encoders.
- Functional safety can now be selected as a CAD specification for decentralized drive products in DriveCAD.
- Size extension for the DR2C..A for sizes 90 and 100.

- The new KES..47, KES..57, WES..19, WES..29, and RESF27 stainless steel gear units are configurable with the new AESMS.. and AESQS.. stainless steel adapters.
- New breather valves have been integrated for the P2.e planetary industrial gear unit.
- Reinforced bearing for K and F gear units.
- New base plates for MOVITRAC® advanced
- MOVIMOT® performance ELV integrated in DriveCAD.
- Support for the new UHX86A MOVI-C® CONTROLLER.

## **Release Notes DriveCAD Version 2.44**

**Date: July 21, 2023**

### **Products:**

- Introduction of the MOVILINK® DDI plug connectors "KD1", "KDB", "KDD" on the terminal box for the CM3C.. . In addition, the integrated BG1Z brake control in conjunction with BZ.. brakes is now available.
- BZ.Z brake including the integrated BS1Z brake control for the CM3C has been added.
- For the X.e industrial gear unit, the new mixing and agitator housing in sizes 220, 240 and 260 can now be called up in DriveCAD.
- Support for MOVIMOT® advanced with DR2C drive.

## **Release Notes DriveCAD Version 2.43**

**Date: April 21, 2023**

### **Products:**

- Support for sizes 90S-160L for DR2L.. drives.
- In connection with MOVILINK® DDI, the terminal box with screw fitting "KD" for the DRN.., DR2S.. and DR2L.. motors is now available.
- The RK8M add-on encoder is now available for DRN.., DR2S.., DR2L.. and DRU.. motors.
- DRU.. motors added in combination with industrial gear units.
- The shortened fan guard is now available for X.e in the X.K design in DriveCAD.
- Decentralized SCM controllers and accessories added.

## **Release Notes DriveCAD Version 2.42**

**Date: January 20, 2023**

### **Products:**

- Support for synchronous AC drives of the DR2C..A series in sizes 71 and 80
- Support for asynchronous AC drives of the DRU.. series in IE4 and sizes 90 to 355
- The new P2.e planetary industrial gear unit is now available in DriveCAD in sizes 002 to 052.

## **Release Notes DriveCAD Version 2.41**

**Date: October 21, 2022**

### **Products:**

- Implementation of the UKII wet area package with HCP and HCPF for MOVIGEAR® classic and MOVIGEAR® performance.
- New DR2S motors are now available in sizes 90-132 single-speed, 2- and 6-pole.
- New synchronous stainless steel servo gearmotors can now be ordered.
- Implementation of the XCO drive package for aseptic gearmotors.
- SPIROPLAN® W. 59 right-angle gear units have been included.
- Support of S..7p helical-worm gear units in ATEX.
- The industrial gear unit of the MC.. series is now available in DriveCAD.

## **Release Notes DriveCAD Version 2.40**

**Date: July 22, 2022**

### **Products:**

- 8-pole DRN motors of sizes 90 to 180 included.
- Integration of the MD...A adapter as a connecting piece between PxG and CM3C.
- For certain secondary gear units, a reduced backlash /R version with a primary gear unit is now possible.
- Integration of MC... series industrial gears unit into DriveCAD.
- MOVIMOT® performance is now available in size 2.

## Release Notes DriveCAD Version 2.39

**Date:** April 22, 2022

### **Products:**

- Integration of LIA105 flange for direct connection of CMP motors to R07/R17.
- Extension of the Brazilian ABNT DRN.. portfolio with various drives with 2, 4, 6, and 8 poles.
- X.e. industrial gear units with motor adapter can now be configured with a DRN or DR2S motor.
- New input cover AD01 can be selected for gear units (R.07, R.17, W..19) with LIA105 flange.
- The CAD models for size 2/2E MOVIMOT® flexible are now available.
- The new visualization portfolio for operating terminals, monitor (touch), web panels, and hand-helds can now be selected.

## Release Notes DriveCAD Version 2.38

**Date:** January 21, 2022

### **Products:**

- DR2S motors added in sizes 63-80 and 180-225.
- Forced cooling design has been added for CM3C sizes 71 and 80.
- The new 2/2E sizes of the electronics cover are now offered for MOVIMOT® advanced. It comprises power classes from 7A/3kW to 16A/7.5kW.
- Integration of sizes 0s, 0L and 3-6 of MOVITRAC® advanced.
- B14 flange design with output shaft and key can now be selected for F and K gear units. The designation is FZ.. and KZ..
- Gear unit types KA39B/KA49B/KH39B/KH49B can now be selected.
- New gear ratios for the gear units W..19 (i = 5.90 - 167.59) and W..49 (i = 7.22 - 200.76).
- The hoist gear unit /HC for X.e is now available in DriveCAD.
- Integration of the variant "Profinet IO Controller / EtherNet/IP Scanner" for the MOVI-C® CONTROLLER progressive. CFast 2 memory cards have additionally been added to the accessories.



## Release Notes DriveCAD Version 2.37

**Date: October 22, 2021**

### **Products:**

- PxG® is now also available in sizes 61 – 63 and 71 – 73.
- X.e-L can now also be displayed in DriveCAD with reduced oil level and universal cover.
- The extended input shaft is now also available in DriveCAD for X2K.e and X4K.e.
- The MOVI-PLC® I/O system C has been expanded to include the new OCE12C bus coupler and new safety and function modules.
- For the CMP. ELVCD® , the connector for external brake control can now be selected in DriveCAD, provided that a brake and STO have been selected.

## Release Notes DriveCAD Version 2.36

**Date: July 23, 2021**

### **Products:**

- The short AMS and AQS adapters are now available in DriveCAD.
- MOVIGEAR® classic in size 1 can now be selected with encoder and DDI.
- With MOVIGEAR® performance and MOVIMOT® flexible there now is a connection available for communication via the connection unit.
- Hybrid connectors (power, 24 V and communication) are now available in the selection communication via the connection unit for the new electronics cover products MOVIGEAR® performance, MOVIMOT® flexible, MOVIMOT® advanced and MOVIMOT® performance.
- MOVIMOT® advanced motors can now be also configured for operation in the USA with UL 60 Hz certification.
- The specific external braking resistors for the decentralized products: with electronics cover can now be processed via nomenclature and part number in DriveCAD.
- The line filters NFR075-503 and NFR111-503, as well as the line chokes NDR075-083 and NDR110-063 can be accessed in DriveCAD.
- The DC link chokes ZD140-0020, ZD040-0070, ZD010-0200 and ZD330-0006 can now be processed by DriveCAD.
- For MOVITRAC® B, the HD100 and HD101 output chokes can now be selected as submounting options in DriveCAD. They can also be accessed as individual components.

- The BW100-002/M braking resistor has been added for MOVIDRIVE® system and MOVIDRIVE® technology.
- The MOVIDRIVE® modular power supply modules with MDR9.B.. regenerative power supply are now available in DriveCAD.
- MOVILINK® DDI sales package 2 is now available.

## **Release Notes DriveCAD Version 2.35**

**Date: April 23, 2021**

### **Products:**

- Integration of the motors  
DR2S 180-225  
DR2L 180-225
- The CM3C is now available as version without encoder, with forced cooling fan (only size 100), and with safety encoder and brake
- New integration of MOVIMOT® performance with the communication variants DBC, DAC, DFC, and DSI
- New integration of the new S.7p gear unit series with more torque
- G7 hoist gear units can now be selected in DriveCAD
- The IGX gear units are now available in DriveCAD in the new X.e generation for sizes  $\geq 260$  (X.e-L)

## **Release Notes DriveCAD Version 2.34 HF1**

**Date: December 18, 2020**

### **General:**

- Correction of minor errors.

## **Release Notes DriveCAD Version 2.34**

**Date: December 11, 2020**

### **Products:**

- Standard inverters MOVITRAC® advanced have been added
- MOVIMOT® advanced has been added
- New PxG® sizes, output designs, adapter shafts as well as optional surface protection have been added
- DRN355.. AC motors have been added
- SPIROPLAN® right-angle gear units W.29/W.39 have been added
- The M1..N industrial gear unit is now available in DriveCAD.

## **Release Notes DriveCAD Version 2.33**

**Date: July 24, 2020**

### **Products:**

- New integration of the CM3C.. synchronous servomotor in sizes 63, 71, 80, and 100

### **Function / Operation:**

- Update 3D viewer in Online Support:
  - Screenshot function added
  - Perspective camera added
  - Free camera rotation added

## **Release Notes DriveCAD Version 2.32**

**Date: April 03, 2020**

### **Products:**

- Integration of MOVIMOT® flexible in the device variants MMF1 and MMF3
- The further development of the generation X industrial gear unit to the Generation X.e industrial gear unit is now available in the sizes 100-170 in DriveCAD
- The new KH1 and KD1 motor connectors for MOVIGEAR® classic are available
- The new communication types DSI – EtherCAT® (CiA402), DAC, and DBC have been added for MOVIGEAR® performance. In addition, the 24 V backup voltage connector is available in 1xM12.
- The EI7. built-in encoder is now available with M12 connector

## **Release Notes DriveCAD Version 2.31 SP1**

**Date: November 29, 2019**

### **Products:**

- Integration of the 1- and 2-stage PxG planetary servo gear units for performance classes 5, 6 and 7.

## **Release Notes DriveCAD Version 2.31**

**Date: November 15, 2019**

### **Products:**

- Integration of MOVIGEAR® classic in sizes 1, 2, 4 and 4XT
- New fans and the universal cover are now available in DriveCAD for the new X.e industrial gear unit
- There is a new bearing variant for increased radial load in DriveCAD for X-EBD gear units. In addition, there are new output shafts and flange couplings.
- The Brazilian planetary gear unit of the PPK series is now available in DriveCAD
- Explosion-proof EDRN.. motors have been added:
  - Power ratings < 0.75 KW (all approvals)
  - IECEx approval (all power ratings)
  - Several other additions
- Motors of the type DRN.. with increased power have been integrated for Brazil (ABNT) as country of use.
- MOVILINK® DDI interface has been integrated for DRN.., DR2S.. and DR2L.. asynchronous motors
- MOVILINK® DDI interface has been integrated for CMP.. synchronous motors
- Cone shaft add-on encoders .K8 for asynchronous motors have been integrated
- Integration of the performance upgrade for MOVITRAC® LTE-B. With 3x230V to a maximum of 18.5 kW, with 3x400V to a maximum of 37 kW.

## **Release Notes DriveCAD Version 2.30 SP1**

**Date: September 13, 2019**

**General:**

- Correction of minor errors.

## **Release Notes DriveCAD Version 2.30**

**Date: July 12, 2019**

**Products:**

- Compact extra-low voltage drives integrated
- Asynchronous servo drives with DR2L.. integrated
- For MOVIGEAR® performance, option XT for size 4 was integrated as well as the TorqLOC® hollow shaft mounting system for sizes 2 and 4
- The further development of generation X.e industrial gear units based on generation X industrial gear units is available in DriveCAD for sizes 180-250 with new bevel pinion pot, lowered oil level, and contactless sealing systems
- The TorqLOC® hollow shaft mounting system is available for generation X industrial gear unit sizes 100 to 210
- For X gear units in X..S design, a torque arm can now be displayed like for the X..R design
- A combination of IGX with bucket elevator (auxiliary drive) as well as an additional motor adapter with SEW motor is now possible in DriveCAD and can be displayed

## **Release Notes DriveCAD Version 2.29**

**Date: March 22, 2019**

**Products:**

- SEW Power and Energy Solutions components have been added
- MOVIGEAR® performance has been integrated in sizes 2 and 4 with the communication types DFC as well as DSI
- Gearmotors with DR2S56.. as well as pole-changing DR2S63 – DR2S80 motors have been added
- The universal mounting position M0 can now be selected for the SPIROPLAN® gear

units W..10, W..20 and W..30

- The M12 motion control plug connector as sensor connector is now available for MOVIGEAR® B
- The motor adapter combinations for sizes 160 – 210 of the X3FS have been extended in DriveCAD
- For X gear units in sizes 120 and larger in mounting position M4 or M5, pressure lubrication with shaft end pump can now be selected and displayed in DriveCAD
- The flat plastic safety cover for all shaft-mounted gear units has been integrated

## **Release Notes DriveCAD Version 2.28**

**Date: November 16, 2018**

### **Products:**

- The agitator design for parallel-shaft helical gear units (FM, FAM) and helical-bevel gear units (KM, KAM) is now available in DriveCAD
- A new optional cardan joint attachment for electric cylinders is now available as selection option in DriveCAD
- The ISB plug connector for aseptic motors can now be opened in DriveCAD via the catalog designation
- The CMP ELVCD can be selected in the new gear unit combinations RX057 and RX067 in DriveCAD
- New air baffles are available for gear unit types X2F and X3F with fan in the motor adapter and in mounting position M5
- The new R127 can now be depicted in combination with the P gear unit in DriveCAD
- The new two-part fan guards can now be depicted for X.F100 – 320 gear units in DriveCAD
- The new flange couplings "FC-S" and "FC-K" can now be selected for gear units of the X series
- MOVI-C® CONTROLLER progressive added
- MOVI-C® CONTROLLER UHX45A-E and UHX25A-E added

## **Release Notes DriveCAD Version 2.27**

**Date: July 27, 2018**

### **Products:**

- Motors DRN63MS – DRN80MK and DR2S63MS – DR2S80M added
- MOVIDRIVE® modular power supply module with supply unit and energy recovery added
- MOVIDRIVE® technology added
- Two new shaft diameters (35 mm and 40 mm) are now available for MOVIGEAR® B in size 2
- The DBG60B keypad as well as the BW090-P52B breaking resistor are now available in DriveCAD for MOVIDRIVE® B
- For CMP ELVCD an STO connector is now available for selection in DriveCAD
- In case of IGX designs with belt drive, DRN.. motors can now be selected in DriveCAD
- Several variants of gear unit venting for X gear units can now be selected in DriveCAD

## **Release Notes DriveCAD Version 2.26**

**Date: April 13, 2018**

### **Products:**

- MOVIDRIVE® system application inverters in size 6 can now be configured
- The new MFE52 modules were integrated
- The plug connectors AFL5, AFL8, AFL9, AFQ5, AFQ8, and AFQ9 for AC motors were added
- The fan guard can be selected in metal or plastic design for DRN80 and DRN90
- (Gear-)Motors EDRN80M4 to EDRN132S4 in ATEX design category 2 can now be configured

## **Release Notes DriveCAD Version 2.25**

**Date: November 17, 2017**

### **Products:**

- MOVI-C®: Integration of additional devices and accessories
  - MOVIDRIVE® system with integrated SMPS
  - MOVIDRIVE® system and MOVIDRIVE® modular for EtherCAT/CiA402
- MOVI-C® CONTROLLER  standard/advanced UHX25/UHX45 added
- Inch shafts can now be selected for MOVIGEAR®
- The DUE diagnostic unit is integrated for brake monitoring with DR.. motors

- The temperature sensor PK (PT1000) can now also be selected for DR.. motors
- New design variants KH/KHF39 and KH/KHF49 as well as shaft position AB for KT39/49 added

## **Release Notes DriveCAD Version 2.24**

**Date: July 14, 2017**

### **Products:**

- MOVIDRIVE® modular – new sizes integrated
  - Power supply module MDP 110 kW
  - Axis module MDA 140 A, 180 A
- MOVIDRIVE® system – new sizes integrated  
Nominal power: 22 kW, 30 kW, 37 kW
- ECDriveS® drive system for light-duty materials handling technology integrated
- Integration of MOVI-PLC® standard, advanced, power
- Integration of MOVI-PLC® I/O system C  
I/O expansions for automating your machine modules and complete systems
- For a 7 series integral motor with IEC feet (output option "/FM"), feet positions 0, 90, 180 or 270 degrees can be selected
- Encoder mounting adapters XV0A and XV6A added for AC motors of the DRN.. series
- Design changes of gear unit housings S..37, S..47, and S..57 integrated
- Improvements made for third-party couplings for X series industrial gear units
- Motor adapter added for X4K\_280
- Chamfer for insertion of P hollow shafts: two circumferential rims
- For CMP ELVCD, an optional power connector is now offered in DriveCAD

### **Bug fixes/improvements - CAD:**

- CADClick Click2CAD multifunctional driver (PnP) updated:
  - \* AutoCAD Architecture 2018 (2D & 3D)
  - \* AutoCAD LT 2018 (2D & 3D)
  - \* AutoCAD 2018 (2D & 3D)
  - \* CADClick ccAssembler
  - \* Creo Parametric 4 3D
  - \* HiCAD 2016 2D & 3D
  - \* HiCAD 2017 (2D & 3D)
  - \* Inventor 2018 (3D)



- \* SolidWorks 2017 3D
- \* VISI CAD V21 3D
- \* VISI CAD 2017 (3D)
- New CAD output formats available in Online Support:
  - \* 3D PDF
  - \* Wavefront OBJ
- Consistent sorting of 2D views and of the overall view in Online Support
- Now the type designation is part of the file name when downloading a CAD file from Online Support

## **Release Notes DriveCAD Version 2.23**

**Date: April 07, 2017**

### **Products:**

- General availability of the modular automation concept MOVI-C®:
  - MOVIDRIVE® modular
  - MOVIDRIVE® system
  - MOVI-C® CONTROLLER
  - Single-cable motor with digital encoder for synchronous motors
- The size 2 has been added to the frequency inverter MOVI4R-U®
- EDRN.. motors in ATEX category 3 added
- EDRN.. motors in HazLoc-NA® size 315 with BE60 – BE122 brakes added
- [E]DRN100LM4 motors – 2.2 kW (50/60 Hz and 60 Hz) added
- The encoder mounting adapter XH1A for DRS/DRE 71-132 and DRN 80-132 has been added
- MOVI-SWITCH® 1EM for DT56 and DR63 added
- The type of auxiliary drive can now be selected for industrial gear units of the X.. series in bucket elevator design

## **Release Notes DriveCAD Version 2.22**

**Date: November 11, 2016**

### **Products:**

- Facelift MOVITRAC® LTP-B

- Explosion-proof stand-alone gear units added
- Shouldered hollow shafts integrated
- SNI-IO system integrated
- More MOVIFIT® ABOX types added
- PK temperature sensor added for servomotors
- New AS-Interface option MLK32A for MOVIMOT® added
- /FC flange for DRN.. motors added

**Bug fixes/improvements - CAD:**

- CADClick Click2CAD multifunctional driver (PnP) updated:
  - SolidEdge ST9 2D
  - SolidEdge ST9 3D
  - CADdy++ 2016 3D
  - TopSolid 7.10 3D
  - TopSolid 2016 3D
  - TurboCAD 2016 2D
  - TurboCAD 2016 3D
  - TurboCAD 2016 Professional 3D
  - AutoCAD 2017 2D
  - AutoCAD LT 2017 2D
  - AutoCAD 2017 3D
  - AutoCAD LT 2017 3D
  - Inventor 2017 3D
  - MegaCAD 2016 3D
  - TopSolid 7.9 3D
  - TopSolid 2015 3D
  - SolidWorks 2016 3D
  - VectorWorks interiorcad 2016 3D

**Release Notes DriveCAD Version 2.21 SP1**

**Date: September 02, 2016**

**Products:**

- Implementation of the new type designation for the XP series

## **Release Notes DriveCAD Version 2.21**

**Date: July 08, 2016**

### **Products:**

- 2-pole and 6-pole motors of the type DRN.. have been added
- A fixed upper part (FO) for the integrated plug connector (IS/ISU) has been added
- AS1H/ES1H encoders have been replaced by AK1H/EK1H encoder for synchronous servomotors
- EWH servo adapters have been added for SPIROPLAN gear units (W)
- NFH line filters have been added
- CSW maintenance switches have been added
- External braking resistors have been added for MOVIPRO®
- CMP with ELVCD has been added
- R127 has been added to DriveCAD
- Fixed covers for shaft-mounted gear units have been added

### **Bug fixes/improvements - CAD:**

- Selection of output designs for stand-alone motors has been simplified

## **Release Notes DriveCAD Version 2.20**

**Date: April 15, 2016**

### **General:**

- Explosion-proof EDRN motors in HazLoc-NA® design have been added

### **Products:**

- K..19/K..29 in ATEX design have been added.
- The power supply modules MXR81A-050-503-00 and MXR81A-075-503-00 have been added
- CMP motor design without encoder in ELSM control mode (single-cable connection

technology) has been integrated

- X-EBD (agitator drives) for DriveCad have been added

## **Release Notes DriveCAD Version 2.19 SP1**

**Date:** January 29, 2016

### **Products:**

- XP series system implementation

### **Bug fixes/improvements - Workbench:**

- Gear unit assignment has been updated for DRC3 and DRC4 motors

### **Bug fixes/improvements - CAD:**

- Entering catalog designations for field distributors has been simplified.

## **Release Notes DriveCAD Version 2.19**

**Date:** November 20, 2015

### **Products:**

- ATEX motors EDRE250-315

### **Bug fixes/improvements - DriveConfigurator:**

- For K..19/K..29 and W..37/W..47 gear units, the universal mounting position M1, M2, M3, M5, M6 can be selected

## **Release Notes DriveCAD Version 2.18 SP1**

**Date:** September 25, 2015

### **Products:**

- BF double brake for DR.. motors (DRS..112-180, DRL..112-180)
- DUE brake monitoring for DR.. motors
- Industrial Gear Units P-X Series have been added
- Aluminum die casting design for gear units of the sizes K..19, K..29, K..39 and K..49 has been added

## **Release Notes DriveCAD Version 2.18 HF1**

**Date: July 31, 2015**

### **Bug fixes/improvements - CAD:**

- In rare cases, the fan guard for motors was not displayed correctly

## **Release Notes DriveCAD Version 2.18**

**Date: July 10, 2015**

### **Products:**

- MGF/DRC multi-turn encoders have been added
- K39/49 in ATEX design have been added
- Inch shaft geometry with angular keys for gear units and motors has been revised
- CMS71L has been added

### **Bug fixes/improvements - DriveConfigurator:**

- During configuration of DR.. motors, it is now possible for some add-on encoders to select the connection variant "with 0.3 m cable and M23 plug connector"

### **Bug fixes/improvements - CAD:**

- It is now possible to generate CAD data in DriveCAD for brake control types BMS, BME, BMH, BMP, BMK, and BMV
- Various improvements regarding the creation of CAD data

## **Release Notes DriveCAD Version 2.17 SP1**

**Date:** April 24, 2015

### **Bug fixes/improvements - CAD:**

- The torque arm for K gear units has been revised

## **Release Notes DriveCAD Version 2.17**

**Date:** March 20, 2015

### **Products:**

- AC motors in the DRN.. series (energy-efficient motors):
  - Motor powers 0.75 - 5.5 kW
  - Integration with MOVIMOT®
  - Integration of the country of use Japan
  - Integration with MOVIFIT®

### **Bug fixes/improvements - DriveConfigurator:**

- BMKB brake rectifier has been added.

### **Bug fixes/improvements - CAD:**

- The position of the connector in the drive DS56L/B/TF/RH1M/SB11 has been corrected.
- EDR motors with the addition 3GD in the designation can also now be generated.
- For motors with a brake and manual brake release, the manual brake release is now displayed correctly in all cases.
- For some DRN drives with a forced cooling fan, the terminal boxes were displayed at an angle of 90° to the motor terminal boxes. This has been corrected.

## **Release Notes DriveCAD Version 2.16 SP1**

**Date:** January 23, 2015

### **General:**

- Correction of minor errors.

## **Release Notes DriveCAD Version 2.16**

**Date: December 12, 2014**

### **Products:**

- HW10 EMS gear units added
- HK37 EMS gear units added
- AC motors of the DRN.. type (energy-efficient motors): Motor size 132M and larger: 7.5 to 200 kW

## **Release Notes DriveCAD Version 2.15 SP1**

**Date: September 12, 2014**

### **Bug fixes/improvements - CAD:**

- Update of the Z8 field distributors
- New options for IGX gear units are available: Shaft end pump M1/M4, grease pipes, oil expansion tank, oil drain valves 45° and 90°, torque limitation, backstop

## **Release Notes DriveCAD Version 2.15**

**Date: July 04, 2014**

### **Products:**

- DRK motor has been added
- MOVI4R-U frequency inverter has been added
- MOVIGEAR XT has been added
- MFE72A (EtherCAT/SBusPLUS interface) has been added

### **Bug fixes/improvements - CAD:**

- CAD model for MXC80A-050-503-00 available
- Additional fan guards have been added for DRS90M4
- CAD models for DRS280M4/FG, DRS280S4/FG and DRE280M4/FG have been added
- Position of the 2nd shaft end (19x40) for DR.90 has been corrected (e.g. DRE90L4BE5/FI/2W)
- CAD data for W20DRU71SJ4 can be created (W20 gear unit with DRU motor)
- Corrections for FH87 and FH97 with reduced backlash. FH87 and FH97 gear units with /R have different housing dimensions than FH87 and FH97 in standard design. This will be considered in CAD.

## **Release Notes DriveCAD Version 2.14**

**Date: April 04, 2014**

### **Products:**

- DRC4 has been added.
- 8/4-pole motors have been added.
- BK brakes for CMP motors have been added.
- Movifit FDC advanced has been added

### **Bug fixes/improvements - CAD:**

- The flange with 140 mm can now be selected for RF37.

## **Release Notes DriveCAD Version 2.13 SP1**

**Date: January 31, 2014**

### **Bug fixes/improvements - CAD:**

- The offset between shaft and housing of FA107 was corrected (correct connection dimensions).
- The offset between shaft and housing of FF57, 67, 77, 87, and 97 was corrected (correct connection dimensions).
- The offset between flange and shaft of FAF57 to 97 was corrected.



## **Release Notes DriveCAD Version 2.13 HF1**

**Date:** December 06, 2013

### **General:**

- Correction of minor errors.

## **Release Notes DriveCAD Version 2.13**

**Date:** November 22, 2013

### **Products:**

- AC motors of sizes DR.250/280 have been added.
- Flange and adapter for helical-bevel gear units of size K19/K29 have been added.
- CMP112 synchronous servomotors have been added.
- DRC3 electronic motor has been added.
- Pole-changing AC motors, 4/2-pole, in the sizes DRS71-180 have been added.

### **Bug fixes/improvements - CAD:**

- Various error corrections