



GED Integrated Solutions

Product Support and Technology Migration Plan

May 30, 2018

Definition of Product Support Stages:

- **Stage I (Active)** – Current products (*new feature and function development including software updates*) – product hardware, electronics, and software are fully supported.
- **Stage II (Support)** – Phone support and replacement versions available, no updates or new functionality being provided to older announced platform obsolete controls or technology. Controls no longer being manufactured new, but are available on repaired or reconditioned basis from OEM.
- **Stage III (Support +)** – Limited Phone support and replacement versions available, no updates or new features provided to older platform. No OEM repairs available for obsolete controls. Some parts may be available with limited inventory by GED.
- **Stage IV (Obsolete)** – No support available. (*no Inventory of spare parts available*)

Obsolete control components and or software operating platforms:

- Kurt Controller – Generation III Cutting Systems
- Ormec – Generation I Intercept®
- Tech80 – Colonial Muntin Machine
- Parker Hannifin (PH) 6k Controller – Sampson/GED PC-4000 Cleaner SK2, 1500 Single Point Cleaner, DAS Machine
- Telemecanique (TELE) 420/425 4 point and 2 point Welders
- DOS Operating System
- Windows '95, '98, 2000, and XP Operating Systems
- Allen Bradley® (AB) BTM module – 4 point welders
- Allen Bradley® (AB) Ultra 100 Servo Drives – 4 point welders
- Delta Tau – DeviceNet PMAC Gateway communication card – CleanCut, Intercept i3, 6000 Cutting System
- Allen Bradley® (AB) Micro Logix 1500 PLC



GED Machinery and Software Status of Product Support

GED CNC Glass Cutting Table Systems	Support Stage	Controller/Notes
CleanCut/Edge Deletion	(Stage I – Active) Windows 7	Delta Tau
6000 Series – Gen IV Cutting System	(Stage I – Active) Windows 7	Delta Tau
6000 Series – Gen III Cutting System	(Stage IV – Obsolete)	Kurt
6000 Series – Gen II Cutting System	(Stage IV – Obsolete)	P420
1600 Series Cutting System	(Stage I – Active) Windows 7	Delta Tau
1550 Series Cutting System	(Stage IV – Obsolete)	Kurt
1500 Series Cutting System	(Stage IV – Obsolete)	Kurt

GED Glass Loading Systems	Support Stage	Controller/Notes
GED Gen 4 Loader	(Stage II – Support)	Delta Tau/Festo
GED Loader	(Stage III – Support +)	AB/Festo
Single Side Loader	(Stage III – Support +)	Texas Instruments
Double Side Loader	(Stage IV – Obsolete)	AB

GED Muntin Systems	Support Stage	Controller/Notes
InterGrid	(Stage I – Active) Windows 7	B&R
InterGrid	(Stage III – Support +)	AB-1394, XP
CountourGrid	(Stage I – Active) Windows 7	B&R
CountourGrid	(Stage III – Support +)	AB-1394, XP
Colonial Muntin Machine	(Stage IV – Obsolete)	Tech 80, XP

GED Screen Systems	Support Stage	Controller/Notes
Screen Machine	(Stage I – Active)	B&R
Screen Machine	(Stage III – Support +)	AB-1394, XP
Pre-Notch Screen Machine	(Stage III – Support +)	AB-1394, XP
Screen Machine Post Drill	(Stage III – Support +)	AB-1394, XP

GED Intercept Systems	Support Stage	Controller/Notes
Intercept i-3	(Stage I – Active) Windows 7	Delta Tau
Intercept 2.5	(Stage I – Active) Windows 7	B&R
Intercept Gen II	(Stage III – Support +)	AB-1394, XP
Intercept Gen I	(Stage IV – Obsolete)	Ormec



GED Gas Filling Systems	Support Stage	Controller/Notes
GED Gas Fill Machine	(Stage IV – Obsolete)	AB/Festo

GED PIB Extruders	Support Stage	Controller/Notes
SE – 116	(Stage III – Support +)	GED
SE – 216	(Stage III – Support +)	GED
SE – 2.0	(Stage IV – Obsolete)	GED
SE – 2.5	(Stage IV – Obsolete)	GED
SE – 0.5	(Stage IV – Obsolete)	GED

GED Hot Melt Extruders	Support Stage	Controller/Notes
Smart Extruder i-3	(Stage I – Active) Stage II 2018	GE Fanuc
Smart Extruder	(Stage II – Support)	GE Fanuc
MEXT Extruder	(Stage IV – Obsolete)	AB SL-503
HME50 Hot Melt	(Stage IV – Obsolete)	GED
MME55	(Stage IV – Obsolete)	GED
MDES	(Stage IV – Obsolete)	GED

GED Decorative Application Systems	Support Stage	Controller/Notes
DAS Applicator Machine	(Stage IV – Obsolete)	PH

GED IG Assembly Systems	Support Stage	Controller/Notes
ATLAS Machine	(Stage I – Active) Windows 7	B&R
IG Assembly Line	(Stage I – Active)	Direct PLC
IG Assembly Line	(Stage III – Support +)	Texas Instruments



GED/Sampson Welding Systems	Support Stage	Controller/Notes
SW-1000	(Stage I – Active)	AB
SW-1000	(Stage IV – Obsolete)	TELE
SW-2000	(Stage I – Active)	AB
SW-2000	(Stage IV – Obsolete)	TELE
SW-6000	(Stage I – Active) Windows 7	B&R
SW-6000	(Stage III – Support +)	AB
SW-6000	(Stage IV – Obsolete)	TELE
SW-7000	(Stage I – Active) Windows 7	B&R
SW-7000	(Stage III – Support +)	AB
SW-7000	(Stage IV – Obsolete)	TELE

GED/Sampson Processing Saws	Support Stage	Controller/Notes
MC (since 2008)	(Stage I – Active) Windows 7	AB
MC (prior to 2008)	(Stage III – Support +)	AB
MP	(Stage III – Support +)	AB
MX(S)	(Stage I – Active)	AB

GED/Sampson Cleaning Systems	Support Stage	Controller/Notes
RC-2000	(Stage I – Active) Windows 7	ABB
PC-4200	(Stage II – Support)	B&R
PC-4000	(Stage III – Support +)	AB
PC-4000	(Stage IV – Obsolete)	PH
CM-4100	(Stage II – Support)	AB
CM-4000	(Stage II – Support)	AB
CM-4000	(Stage IV – Obsolete)	TELE
CX-8000	(Stage II – Support)	AB

GED/Sampson Vinyl Assembly Systems	Support Stage	Controller/Notes
SIGMA Systems	(Stage III – Support +)	AB
SIGMA Systems	(Stage IV – Obsolete)	TELE