

DNC / DLL Software Interface

Article No. OAO1319

Under this software option, two modes of interfacing the machine to exterior sources are offered. Both features are available but not necessarily both have to be used.

The DNC software interface allows the machine to be controlled by external code sources. Essentially the machine can be turned into a big "printer" and the Datron control software does not need to be interfaced with to run the system. The operator initially uses the control software to place the machine into a DNC mode and then by a protocol run through a serial cable, the machine can be instructed to do operations from a secondary source. This is of particular value when the machine is working in an automation cell and machine operations need to be triggered by other equipment and not by an operator or by a machine program.

The DLL software interface allows for importing of external data sources. This option is required if the application requires a connection to external data from sources such as: bar code scanner, data from an excel spread sheet, customer specific data file stored on a server, retrieving the last used serial number count from a data base, etc. Another interesting capability of the DLL option is, you can feed a folder full of machining programs and the Datron will automatically grab a program from the folder, machine the project and return the program file to a completed folder. This works well in a situation where you have multiple short-run jobs with automation for lights out operation. The DLL feature is an ideal solution to minimize re-entry of existing data thus reducing the chance of errors while helping to optimize the entire automation process.

In the cases of both the DNC and DLL features, additional costs might be required to customize the interface with your process. For example, if the DLL is used to extract data from an Excel file, than generally no additional costs would be required. If you have a specific protocol from a bar code scanner for example, that might require some software customization and will be quoted as a separate line item.

This option can be installed in the field at a later date.



	A	B	
1	Work Order 117002	Model 177	S. N. E07
2	Work Order 117003	Model 189	S. N. E08
3	Work Order 117004	Model 177	S. N. E08
4	Work Order 117005	Model 202	S. N. E09
5	Work Order 117006	Model 202L	S. N. E07
6	Work Order 117007	Model 202	S. N. E03
7	Work Order 117008	Model 177	S. N. E09
8	Work Order 117009	Model 044	S. N. E08
9	Work Order 117010	Model 177	S. N. E09
10	Work Order 117011	Model 202	S. N. E08
11	Work Order 117012	Model 044	S. N. E07
12	Work Order 117013	Model 177	S. N. E09

	A	B	C	D	E
1	X	Y	Z		
2	555.1	350.35	845.555		
3	553.466	414.073	841.485		
4	551.223	500.484	835.899		
5	534.883	312.621	852.237		
6	507.782	348.928	853.303		
7	503.957	501.816	844.716		
8	529.123	538.13	838.73		
9	482.32	312.385	857.241		
10	506.19	412.979	849.751		
11	476.966	538.332	844.692		
12	456.933	349.769	855.844		
13	455.304	413.68	852.494		
14	452.938	500.57	847.626		
15	565.12	350.35	845.555		

