

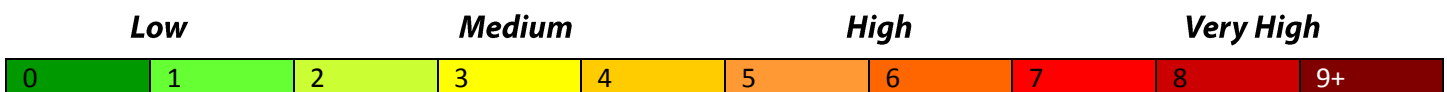
Risk Assessment

Although plastic machinery may be operating, it doesn't mean that there is not a significant risk to extended downtime. The following is a means of measuring risk and determining the urgency of your need for an upgrade:

Answer the following Questions

	YES	NO
Is the extruder more than 20 years old?	<input type="checkbox"/>	<input type="checkbox"/>
Does the manufacturer of the extruder no longer exist or been purchased by another company?	<input type="checkbox"/>	<input type="checkbox"/>
Does the manufacturer of the control system consider it obsolete and no longer available?	<input type="checkbox"/>	<input type="checkbox"/>
Are any of the components used in the control system considered obsolete?	<input type="checkbox"/>	<input type="checkbox"/>
Are some portions of your extruder control non-operational?	<input type="checkbox"/>	<input type="checkbox"/>
Does the control system use an obsolete Windows operating system?	<input type="checkbox"/>	<input type="checkbox"/>
Are you using eBay as one of your suppliers?	<input type="checkbox"/>	<input type="checkbox"/>
Has the door ever been left open with a fan blowing in the enclosure?	<input type="checkbox"/>	<input type="checkbox"/>
Has there been any undocumented changes to the extruder control system?	<input type="checkbox"/>	<input type="checkbox"/>
Is your control wiring outside wire ducts making troubleshooting difficult?	<input type="checkbox"/>	<input type="checkbox"/>
Does the extruder control system contain mercury relays?	<input type="checkbox"/>	<input type="checkbox"/>
Has the screw ever been damaged because an operator started into a cold zone?	<input type="checkbox"/>	<input type="checkbox"/>
Has there been a run-away heater condition that caused damage or downtime?	<input type="checkbox"/>	<input type="checkbox"/>
Are there DC Drives and Motors in use on the extruder?	<input type="checkbox"/>	<input type="checkbox"/>
Have you experienced more than 3 days of unscheduled downtime because of a maintenance issue?	<input type="checkbox"/>	<input type="checkbox"/>
Does someone come in early to pre-heat the extruder?	<input type="checkbox"/>	<input type="checkbox"/>
Is process data collected by hand?	<input type="checkbox"/>	<input type="checkbox"/>

Total Number of "Yes" Answers _____



Low Risk = Your need is not urgent

Medium Risk = You have a need and should start the planning process

High Risk = Your need is urgent and you should try to upgrade your line within the next few months

Very High = Your need is critical and you should upgrade your line immediately