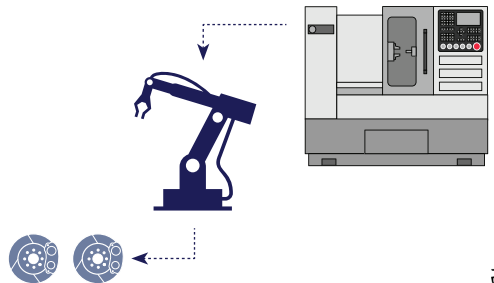


# Tend Machine

## Comprehensive Tend Machine Software Suite

### Key Benefits

- The only Ready Made Tend Machine PC based software application.
- Fast Installation and Setup.
- User Friendly Operator Screens.
- Unlimited number of parts definable on setup screens.
- Scalable for a variety of architectures.



### Ready Made Software Solution

- Easy-to-use configuration, setup and customization routines enable fast development and integration of machine tending systems.

### Process Control:

- Map screen which shows current status of parts on machines, robot etc.
- Possibility of manual intervention in case of parts removal etc.
- Select current part(s).
- Start Stop buttons etc.

### User Friendly Operator Screens.

- Operator screens may be in any language (after translation of text file).
- Operator Language selectable at any time.
- Alarms prominently displayed with diagnostic data available.

### Setup Screens

- Definitions of parts.
- Other setup details

### History screen

- from entry of each part to system to exit including details of processes etc.

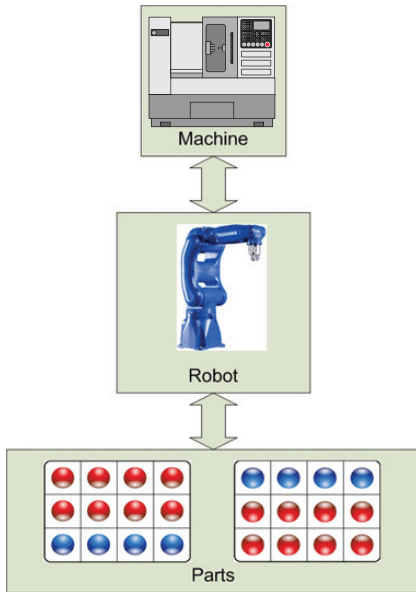
### Options:

- Handling of SPC lots.
- Integration of measurement or tests within process cycle.

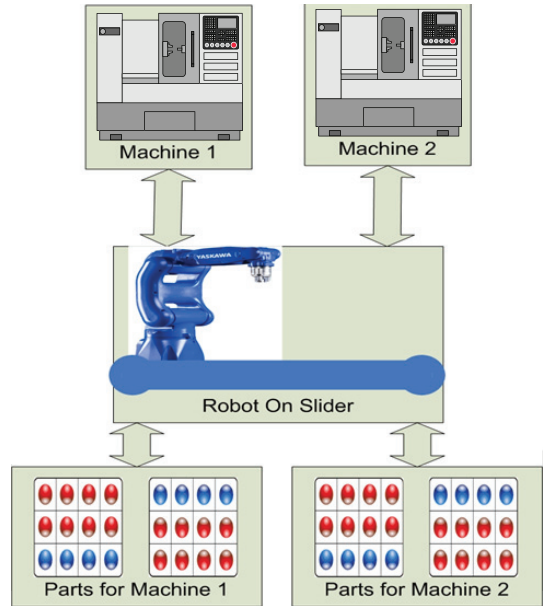
### Compatibility:

- Has been implemented with robots of makes Yaskawa, Fanuc, Nachi.
- Can work with any robot which has socket messaging possibility or Modbus connectivity.

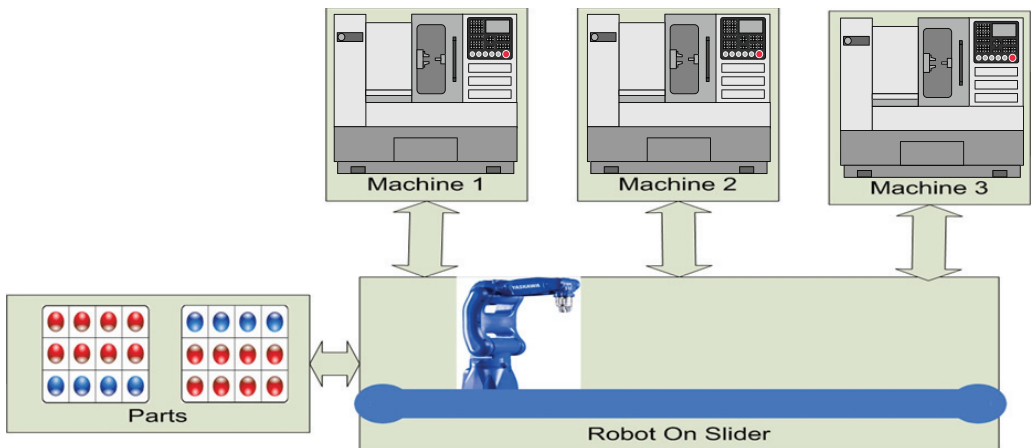
## Possible Hardware Configurations supported



One Robot loading/unloading parts to/from one machine from/to trays or shelves.



One Robot on a slider loading/unloading parts to/from two (or more) machines from/to trays or shelves.



One Robot on a slider loading/unloading parts to/from a sequence of machines such that a number of processes are performed on each part.