their next assignment. The transporter's assumed current location will determine the Proximity Match Value (PMV). The job priority will determine the Weighted Job Priority value (WJP). The equipment the transporters indicate that they retained, in combination to what has been requested, will determine the value assigned by the Equipment Possession Matrix (EPM) (if equipment matching is enabled as part of the current active **dispatch** set). Finally the Appointment Factor (AF) is applied from the current active **Dispatch** Set to complete the following calculation:

Dispatch Value (DV) = PMV + EPM (OR default EPM value for item jobs) + (WJP * AF)

Jobs with a status of Assist are always weighted higher than all other jobs. Priority 0 jobs are weighted lower than assist jobs, but higher than all other jobs.

To weight all non-Assist and non-priority 0 jobs after the Proximity Match values, the Weighted Job Priority, the Equipment Possession Matrix, and the Appointment Factor are set for every job, the **dispatch** value can be determined relative to a transporter. For each transporter:

- Proximity match value is determined based on the transporters' current location and the job's origin.

- Weighted job priority value is determined by the job priority.

- Equipment possession matrix (EPM) is based on the equipment needed for the job and the equipment that patient already has weighted against the equipment that the transporter already has (such as a wheel chair).
  Note: Item transport jobs do not have modes of travel. Therefore, the EPM value for item jobs is 0. Patient transport jobs usually have an EPM value of 1 through 10. An EPM value of 0 for item jobs results in item jobs having consistently lower **dispatch** values than patient jobs. The item jobs are therefore only offered to transporters when no patient jobs are waiting in the queue. If equipment matching is enabled in a **dispatch** set, the administrator can set a default Equipment Possession Matrix value for item transport jobs (for example, 5). The default EPM value for item transport jobs helps to equalize **dispatching** of item transport jobs and patient transport jobs. The **dispatch** value calculation for an item job will include the default EPM value instead of 0.

- Appointment Factor is the value that the administrator sets to determine the weight of a job that began as an appointment.

The following calculation is done: **Dispatch** Value = Priority Matching Value + Equipment Possession Matrix (OR default EPM value for item jobs) + (Weighted Job priority x Appointment Factor).