

## Business Case

- One Company Director and Founder manages one Technical Service Manager
- One Manager is managed by one Company Director and Founder
- One Technical Service Manager manages one or many Technicians
- One Technician is managed by one Technical Service Manager
- One Technician is assigned to one or many Activtec Solutions (AS) Jobs
- One AS Job is assigned to by one Technician
- One Technician appears in one or many Field Service Reports (FSR)
- One FSR shows one Technician
- One Technician appears in one or many Service Invoices
- One Service Invoice shows one Technician
- One AS Job generates one FSR
- One FSR is generated by one AS Job
- One FSR generates one Service Invoice
- One Service Invoice is generated by one FSR
- One AS Job shows one Medical Equipment
- One Medical Equipment appears in to zero or many AS Jobs
  - ➔ Some Medical Equipment may not require any work to be performed by AS, so the Medical Equipment does not appear in any AS Jobs
- One FSR shows one Medical Equipment
- One Medical Equipment appears in to zero or many FSRs
  - ➔ Some Medical Equipment may not require any work to be performed by AS, so the Medical Equipment does not appear in any FSRs
- One Service Invoice shows one Medical Equipment
- One Medical Equipment appears in zero or many Service Invoices
  - ➔ Some Medical Equipment may not require any work to be performed by AS, so the Medical Equipment does not appear in any Service Invoices
- One Service Invoice contains zero or many Part Assignments
- One Part Assignment appears in one Service Invoice
  - ➔ Some AS Job may not require any Parts, so no Part Assignment appears in the Service Invoice

- One Part is assigned to zero or many Part Assignments
- One Part Assignment is assigned to by one Part
  - ➔ Some AS Jobs may not require any Parts, so no Part Assignment is assigned to by any Parts
  
- One FSR is attached to one BME Job
- One BME Job is attached to zero or one FSR
  - ➔ Some BME Jobs do not require AS to perform work on, so no FSR is attached to the BME Job
  
- One Service Invoice is attached to one BME Job
- One BME Job attaches to zero or one Service Invoice
  - ➔ Some BME Jobs do not require AS to perform work on, so no Service Invoice is attached to the BME Job
  
- One Chief Biomedical Engineer manages one or many Biomedical Engineers (BME)
- One BME is managed by one Chief Biomedical Engineer
  
- One BME is assigned to one or many BME Jobs
- One BME Job is assigned to by one BME
  
- One BME Job is linked to one Medical Equipment
- One Medical Equipment is linked to zero or many BME Jobs
  - ➔ Some Medical Equipment may be new and do not yet have any BME Jobs linked to them