Operational flight plans are typically produced several hours prior to departure using wind and temperature data available at the time. Updating the FMS with the most current wind and temperature data throughout the flight allows the FMS to recommend optimal step climbs, top of descent point, and descent trajectory resulting in fuel savings for the operator.

**Pre-Flight Planning**
- Airline AOC sends flight plan to Honeywell Global Data Center (GDC).
- Flight plan is created with currently available weather forecast and planned takeoff weight.

**Pre-Départure**
- Crew receives final flight manifest and enters actual takeoff weight into FMS.
- Crew requests flight plan uplink from Honeywell GDC.

**Enroute**
- Honeywell’s FMS Datalink Service provides the information the FMS needs to perform as efficiently as possible, allowing operators to realize fuel savings using the FMS presently in use on air transport aircraft.
- Flight crews can request updated wind and temperature information at anytime if a rerouting occurs.
- This assures the FMS has the most up to date information available to re-plan recommended flight levels even if the flight plan changes after departure.
- Automatically uplinking winds prior to arrival assures an optimum descent profile and allows the flight crew to focus on other tasks during this critical phase of flight in preparation for arrival.

**Landing**
- Wind and temperature data can be uplinked 30 minutes prior to landing.
- Crews are notified when updated wind/temperature data is available.
- Crews can request updated wind/temperature data at anytime.
- If a rerouting occurs crews can request updated wind/temperature information for updated flight plan.
- Step climbs are recalculated using ATOW and latest wind/temperature data results in optimized recommendations to flight crew.

**Possibilities of Connectivity. Made Easy**
- Crews notified when updated wind/temperature data is available.
- Crews can request updated wind/temperature data at anytime.
- If a rerouting occurs crews can request updated wind/temperature information for updated flight plan.
- Step climbs are recalculated using ATOW and latest wind/temperature data results in optimized recommendations to flight crew.

**Flight Plan is updated with current available weather data throughout the flight allowing the FMS to recommend step climbs, top of descent point, and descent trajectory resulting in fuel savings for the operator.**

**Flight Plan is created with currently available weather forecast and planned takeoff weight.**

**Honeywell’s FMS Datalink Service provides the information the FMS needs to perform as efficiently as possible, allowing operators to realize fuel savings using the FMS presently in use on air transport aircraft.**