

# STDDS data published

## Tower Departure Event Service (TDES)

For each flight at all 68 EFSTS and 74 TDLS airports:

- Aircraft parking gate
- Pre-departure clearance delivery time (date/time at which pre-departure clearance was issued)
- Taxi start time (date/time at which taxi start was issued)
- Takeoff time (date/time at which takeoff clearance was issued)
- Departure runway

## Airport Data Service (APDS)

For each RVR-equipped runway at ~130 selected NG and PC RVR airports:

- Visual range in hundreds of feet at touchdown, midpoint, and rollout
- Visibility trend (steady, increasing, decreasing) at touchdown, midpoint, and rollout
- Runway edge light and center light setting intensity from 0 (off) to 5 (maximum)

## Surface Movement Event Service (SMES)

Event date/time for each flight at all 35 ASDE-X and (eventually) 9 ASSC airports:

- Spot Out (departure aircraft crosses from ramp to surface movement area)
- Spot In (arrival aircraft crosses from surface movement area to ramp)
- Off (wheels up)
- On (wheels down)

## Surface Movement Event Service (SMES) cont.

For each aircraft in the movement area or nearby airspace of all 35 ASDE-X and eventually 9 ASSC airports:

- Category 11 data
  - Aircraft ID / type / wake class
  - Position / heading / speed / altitude
  - Mode S / Mode 3A
  - Departure or arrival runway
  - Departure fix for departures
  - Departure airport for arrivals
  - Fused track acceleration
  - Coasted or suspended track number
  - ADS-B information

## Terminal Automation Info. Service (TAIS)

For each flight/track at (eventually) ~150 STARS TRACONS

- Flight Plan (FP) data
  - Aircraft ID / type / wake class
  - Flight plan status (pending, active, terminated, etc)
  - Flight type (arrival, departure, enroute)
  - Flight rules in flight plan
  - Entry / exit fix
  - Assigned runway
- Track data
  - Track status (active, coasting, dropped)
  - Position / velocity
  - Beacon code / mode C

