



Time Interval Standards (TIS)

Skyesoft™ Information Sheet

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Purpose

Defines workday types and time segments used across scheduling, SLA validation, and AI contextual reasoning. Each day is classified as Workday, Weekend, or Holiday. Time intervals are further divided for Office and Shop environments.

Day Types

- Workday
- Weekend
- Holiday

Segments Office

| Interval | Hours |
|-----------------|--------------------|
| Before Worktime | 12:00 AM – 7:29 AM |
| Worktime | 7:30 AM – 3:30 PM |
| After Worktime | 3:31 PM – 11:59 PM |

Segments Shop

| Interval | Hours |
|-----------------|--------------------|
| Before Worktime | 12:00 AM – 5:59 AM |
| Worktime | 6:00 AM – 2:00 PM |
| After Worktime | 2:01 PM – 11:59 PM |

Holidays

Holiday data is dynamically sourced from the SSE stream (via federalHolidays.php). Updates automatically reflect new or upcoming federal holidays.

Exclusions



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Weekends and recognized Company Holidays are automatically excluded from all time-sensitive calculations and scheduling routines. Federal holidays are excluded only when they coincide with official company closures as defined in the holidayRegistry.

Holiday Registry

Unified registry of holidays recognized by Skyesoft, including federal, company, cultural, awareness, and novelty observances. Used by the Time Interval Standards to identify non-working or special-context days.

Categories

| Category | Description | Workday Impact | Exclude From Scheduling |
|-----------|--|----------------|-------------------------|
| Federal | Official U.S. government holidays that may influence permit offices, shipping, and municipal operations. | high | Yes |
| Company | Days when Christy Signs offices are closed or operating on limited hours. | critical | Yes |
| Cultural | Widespread cultural observances that may affect communications, marketing tone, or social relevance but do not close operations. | moderate | No |
| Awareness | Global or national awareness days recognized in reporting or AI contextual reasoning (e.g., Earth Day). | low | No |
| Novelty | Light-hearted or social media observances used for engagement or contextual commentary (e.g., National Donut Day). | minimal | No |
| Notes | | | |

Holidays

| Name | Rule | Categories |
|----------------------------|------------------------|------------------|
| New Year's Day | Jan 1 | federal, company |
| Martin Luther King Jr. Day | Third Monday of Jan | federal |
| Presidents' Day | Third Monday of Feb | federal |
| Memorial Day | Last Monday of May | federal, company |
| Juneteenth | Jun 19 | federal |
| Independence Day | Jul 4 | federal, company |
| Labor Day | First Monday of Sep | federal, company |
| Veterans Day | Nov 11 | federal |
| Thanksgiving Day | Fourth Thursday of Nov | federal, company |
| Day After Thanksgiving | Fourth Friday of Nov | company |
| Christmas Eve | Dec 24 | cultural |
| Christmas Day | Dec 25 | federal, company |
| New Year's Eve | Dec 31 | cultural |
| Cinco de Mayo | May 5 | cultural |
| Mother's Day | Second Sunday of May | cultural |
| Father's Day | Third Sunday of June | cultural |
| Halloween | Oct 31 | cultural |
| Earth Day | Apr 22 | awareness |



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| | | |
|------------------------|---------------------|-----------|
| Patriot Day | Sep 11 | awareness |
| Pi Day | Mar 14 | novelty |
| Star Wars Day | May 4 | novelty |
| National Donut Day | First Friday of Jun | novelty |
| Talk Like a Pirate Day | Sep 19 | novelty |
| National Coffee Day | Sep 29 | novelty |

Holiday Fallback Rules

| Key | Value |
|----------------------|--|
| After Last Holiday | next_year_rollover, lookup_first_holiday_next_year, When no upcoming holiday exists in the current year, Skyebot automatically fetches the first recognized holiday from the next year using Codex holidayRegistry. |
| Before First Holiday | previous_year_anchor, lookup_last_holiday_prev_year, When reasoning backward before the first holiday of a year, Skyebot anchors to the prior year's final recognized holiday. |

Relationships

| Field | Value |
|------------|--|
| Is A | systemStandard |
| Part Of | System Layer |
| Governs | attendanceSuite, permitManagementSuite |
| Depends On | sseStream |
| Aliases | TIS, Time Standards, Workday Schema |