

Fides

Glossary of Terms

Definitions. Calculations. Operational concepts.

A practical reference to the language used across Fides Connected Textile Management.

How to use this glossary

This glossary defines the operational language used across Fides. Terms are grouped by management purpose so readers can understand both the definition and the context in which each measure is used.

01

CORE OPERATIONAL CONCEPTS

Identity, cycles, readings, encoding, dormancy and loss.

02

FORECASTING & PROCUREMENT

Lead times, reorder logic and forward stock risk.

03

INVENTORY & STOCK MANAGEMENT

PAR, availability, DLD, coverage and stock state.

04

LAUNDRY PERFORMANCE & USAGE

Turnaround, cost, washes and usage behaviour.

01 / CORE OPERATIONAL CONCEPTS

Annualized Chip Failure Rate

The yearly equivalent of the observed Chip Failure Rate, allowing comparison between article types, hotels and periods of different duration.

Used In: Parallel Inventory, Chip Failure Analysis.

ARN (Available Room Night)

A standard hospitality metric representing one available room for one night. ARN is used throughout Fides to normalize stock levels, consumption and costs across hotels of different sizes.

Used In: Items per ARN, Laundry Cost per ARN.

Chip Failure

A condition where a textile remains physically present but its RFID chip no longer responds to RFID readers.

Used In: Parallel Inventory.

Chip Failure Rate

The percentage of articles physically present during a Parallel Inventory whose RFID chips are no longer detectable.
Formula: $(\text{Physical Count} - \text{RFID Reads}) \div \text{Physical Count}$

Used In: Parallel Inventory, Stock Visualizer.

01 / CORE OPERATIONAL CONCEPTS

Clean Cycle

A recorded delivery of clean textiles from the laundry to the hotel.

Used In: Clean Cycle Report, Cycles Summary Report.

Connected Textiles

Textiles equipped with RFID technology and managed through Fides, enabling visibility, traceability and operational intelligence throughout their lifecycle.

Cycle Balance

The relationship between clean and dirty cycles over time. Significant imbalances may indicate stock accumulation, stock depletion or operational inconsistencies.

Used In: Cycles Summary Report.

Dirty Cycle

A recorded collection of soiled textiles from the hotel for processing by the laundry.

Used In: Dirty Cycle Report, Cycles Summary Report.

Dormancy Period

The configured period during which an article can remain undetected before being classified as Dormant.

Encoding

The process of assigning a unique RFID identity to a textile and registering it within Fides.

Used In: [Encoding History](#).

Hotel Stocktake

A stocktake performed in the hotel's pantries and storage locations to determine the quantity of clean textiles physically available within the property.

Used In: [Hotel Inventory Report](#).

Laundry Cycle

The complete process through which a textile moves from hotel use, through the laundry process and back into hotel circulation.

Laundry Stocktake

A stocktake performed at the laundry to determine the quantity of hotel-owned textiles physically present within the laundry operation.

Loss Attribution

The process of determining whether responsibility for a lost article belongs to the hotel or the laundry based on the article's last recorded location.

Loss Period

The configured period during which an article can remain undetected before being classified as Lost.

Parallel Inventory

A control procedure where articles are physically counted and simultaneously read using RFID. The difference between both values is used to assess RFID performance and chip failure rates.

Pantry

A storage location within the hotel where operational textile stock is held for housekeeping use.

Projected Stock

A Fides-calculated estimate of total stock based on tagged inventory and projection algorithms.

Read Rate

The percentage of RFID-tagged articles successfully detected during a reading event.

Re-Encoding

The process of replacing or reprogramming a textile's RFID chip while maintaining the item's identity within Fides.

Reject

A textile delivery that fails the hotel's quality standards and is not accepted into operational use.

Reserve Stock

Textile stock held in external warehouses, remote storage locations or strategic reserves that may not be included in routine inventory activities.

Reserve Stock Pantry

A pantry designated as a reserve storage location. Inventory remains fixed until a new inventory is performed on that location.

Stock in Circulation

Textiles actively moving through the operational cycle between guest rooms, housekeeping, pantries and laundry services.

Stock Out

A condition where available inventory falls below operational requirements, creating a risk of service disruption.

Stock Visualizer

A toggle available throughout Fides allowing users to switch between Tagged Stock and Projected Stock views.

Stocktake

A physical inventory of textiles performed within the hotel or laundry.

Tagged Stock

The quantity of textiles physically fitted with RFID chips and capable of being detected electronically.

Textile Pool

The total quantity of articles belonging to a specific item type, regardless of operational status.

RFID Read

The successful detection of a textile's RFID chip by an RFID reader.

Annualised Stock Needs

The projected quantity of textiles that will need to be purchased over the next twelve months based on consumption, losses, damages and stock health trends.

Used In: Annualised Stock Needs Report, Procurement Planning.

Lead Time

The period between placing an order with a supplier and receiving the goods.

Used In: Time to Stock Out, Reorder Planning.

Recommended Reorder Date

The latest date on which a purchase order should be placed to avoid stock shortages.

Recommended Reorder Quantity

The quantity of articles recommended for purchase to maintain the desired PAR and stock coverage.

Reorder Point

The inventory level at which a replenishment order should be placed to avoid future stock shortages.

Time to Stock Out

The estimated time remaining before current inventory is exhausted.

Weeks to Reorder

The number of weeks remaining before the Recommended Reorder Date is reached.

Weeks to Stock Out

The estimated number of weeks before available stock reaches zero if current consumption trends continue.

Available

The quantity of articles currently available for operational use.

Used In: [Stock Overview](#), [Stock Dashboard](#).

Available PAR

The PAR available for operational use after deducting Dormant, Lost and Damaged articles. Formula: Available Stock ÷ Setup

Used In: [PAR Usage Overview](#), [Stock Coverage](#).

Available Stock

The quantity of articles available for operational use after deducting Dormant, Lost and Damaged items. Formula: Stock in Hotel – DLD

Used In: [Stock Overview](#), [Stock Coverage](#), [Time to Stock Out](#).

Damaged

An article permanently removed from service due to wear, stains, tears or any other condition that makes it unfit for operational use.

Used In: [Damaged Overview](#), [DLD Dashboard](#), [Stock Overview](#).

Days of Stock

The estimated number of operational days the available stock can support based on current consumption levels.
Formula: $\text{Available Stock} \div \text{Average Daily Consumption}$

Used In: [Stock Coverage](#), [Time to Stock Out](#).

DLD

The combined total of Dormant, Lost and Damaged articles. Formula: $\text{Dormant} + \text{Lost} + \text{Damaged}$

Used In: [DLD Dashboard](#), [Stock Overview](#), [Stock Health Check](#).

DLD as PAR

The quantity of Dormant, Lost and Damaged articles expressed as a PAR value. Formula: $\text{DLD} \div \text{Setup}$

Used In: [PAR Usage Overview](#).

DLD PAR

The DLD quantity expressed as a percentage of the hotel's Setup requirement.

Used In: [DLD Dashboard](#), [Stock Health Check](#).

Dormant

An article that has not been detected for a prolonged period but has not yet met the criteria to be classified as Lost.

Used In: Dormant Registry, DLD Dashboard, Stock Overview.

Initial PAR

The PAR level corresponding to the Initial Stock. Formula: $\text{Initial Stock} \div \text{Setup}$

Initial Stock

The quantity of articles initially received and registered in Fides at the beginning of the contract or tracking period.

Items per ARN

The quantity of articles available relative to the number of Available Room Nights. Formula: $\text{Available Stock} \div \text{ARN}$

Used In: Items per ARN Report.

Lost

An article that has not been detected for more than the configured loss period and is considered permanently removed from the textile pool.

Used In: Loss Registry, DLD Dashboard, Stock Overview.

Monthly PAR

The average PAR available during the selected calendar month.

Monthly PAR Usage

The PAR consumption recorded during the selected calendar month.

PAR

The ratio between the total stock available and the quantity required to fully equip the hotel once. Formula: Available Stock ÷ Setup Example: 300 towels available ÷ 100 towels required for setup = 3 PAR.

Used In: Most inventory reports.

PAR Requirement

The recommended PAR level required to operate the hotel efficiently while accounting for laundry turnaround, safety stock and operational variability.

Used In: [PAR Usage Overview](#), [Time to Stock Out](#), [Annualised Stock Needs](#).

PAR Usage

The average number of PARs consumed during a given period.

PAR Usage Overview

A report showing how actual textile consumption compares with the hotel's available PAR and PAR Requirement.

Setup

The quantity of an article required to fully equip all rooms and operational areas according to the hotel's operating model. Also known as PAR.

Stock Coverage

The amount of time current inventory can sustain operations before a stock shortage occurs.

Used In: Stock Coverage Report, Time to Stock Out.

Stock in Hotel

The number of articles physically available within the hotel, including circulation stock and pantry stock.

Laundry Cost per ARN

The average laundry expenditure associated with one Available Room Night. Formula: $\text{Laundry Cost} \div \text{ARN}$

Used In: Laundry Cost per ARN Report.

Laundry Invoice Simulator

A Fides report that estimates what a laundry invoice should be based on actual clean deliveries and agreed tariff structures.

Laundry State of Service

A measure of laundry performance based on turnaround times, stock availability and service consistency.

Used In: Laundry State of Service Report.

Laundry Turnaround (Days)

The average number of days an article spends outside the hotel between being sent to the laundry and returning clean. Formula: $\text{Average Return Date} - \text{Departure Date}$

Used In: Laundry State of Service, Stock Coverage, PAR Requirement.

Monthly Washes

The number of wash cycles completed by an article or article type during the selected calendar month.

Over Washed

Articles that have completed significantly more wash cycles than expected and may require investigation or replacement.

Used In: Item Aging Report.

Projected Washes

The estimated number of wash cycles an article has completed based on operational activity and usage patterns.

Proper Usage

Articles whose wash count falls within the expected operational range.

Under Washed

Articles that have completed significantly fewer wash cycles than expected compared with similar items within the same category.

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