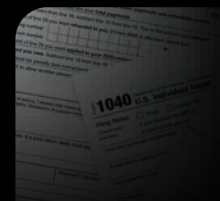
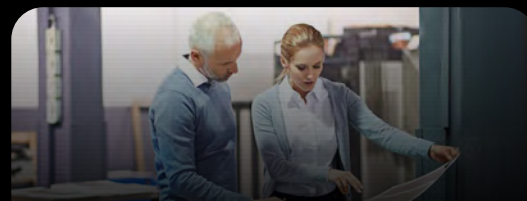
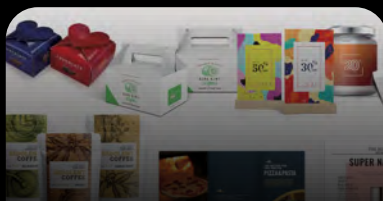
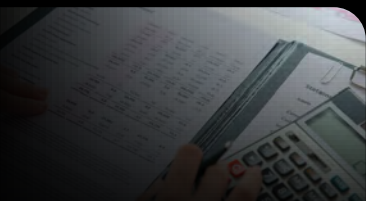


Revoria Press for Print Service Bureaus

Maximising Productivity for
High-Volume, Secure Production.

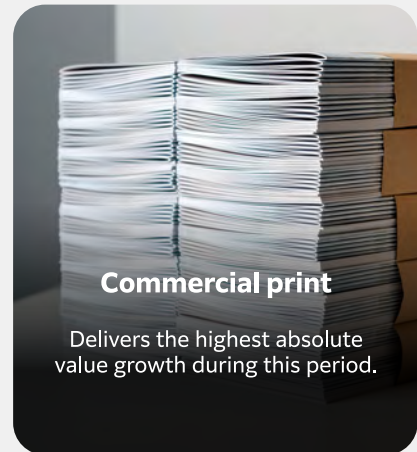
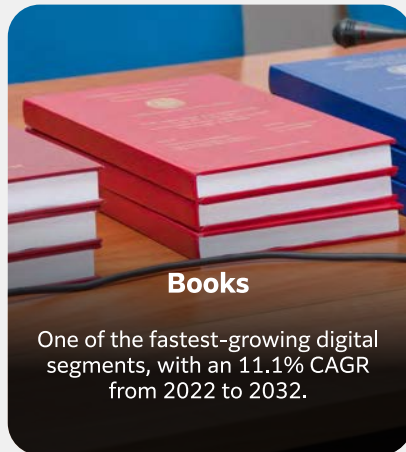
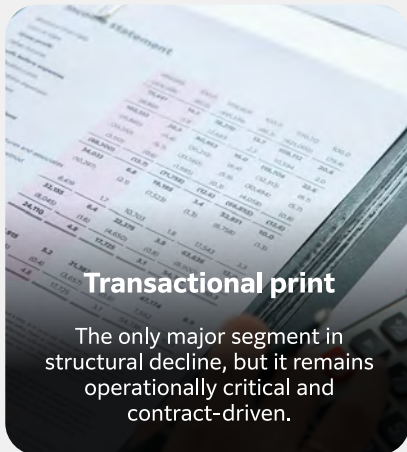




The APAC Shift: **Where Service Bureau** **Growth Is Moving**

Digital printing has become a structural growth segment in the global print industry. The global digital print market reached **\$136.7 billion in 2022** and is forecast to grow at a **5.8% CAGR in value through 2032**, reaching \$230.5 billion. By 2032, digital print is projected to account for almost a quarter of total print value.

For Print Service Bureaus, the mix of applications is more important than overall market growth:



In APAC, digital adoption is accelerating across publishing and commercial segments, although it has historically lagged behind North America and Europe. Transactional volumes are consolidating onto fewer, more efficient production platforms.

Source: Smithers, *The Future of Digital Printing to 2032* (2022).

Core Applications

Revoria Press's continuous production and versatility enable Print Service Bureaus to consolidate and efficiently deliver three high-demand application categories, from regulated transactional work to high-margin commercial print.

Transactional & Secure Statement Production

Billing cycles, policy renewals, and financial reporting require absolute consistency. Revoria Press supports high-volume transactional and regulated statement environments in which every page must be complete, correctly sequenced, and delivered on time. From multi-million-page utility runs to bank statements with personalised data, production remains stable and audit-ready, even during peak surges.

Short- to Mid-Run Books & Manuals

Education providers, corporate training departments, and publishers increasingly require short-run, versioned, or updated editions. Revoria Press enables economical production of manuals, reports, and textbooks without long setup cycles. Service bureaus can respond quickly to reprints, revisions, and decentralised distribution needs while maintaining a consistent appearance from first copy to last.

Commercial Print Applications

Marketing collateral, campaign inserts, and corporate communications create opportunities beyond regulated work. Revoria Press enables service bureaus to produce brochures, folded mailers, catalogues, and promotional pieces within a single production environment. This supports diversification into higher-margin commercial work while maintaining operational control and scheduling discipline.

The **Stability** Foundation Behind Every Print Run

High-volume colour production requires a stable imaging foundation before inspection and correction systems are applied.



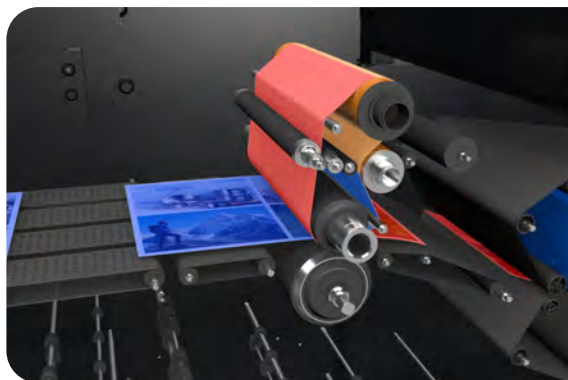
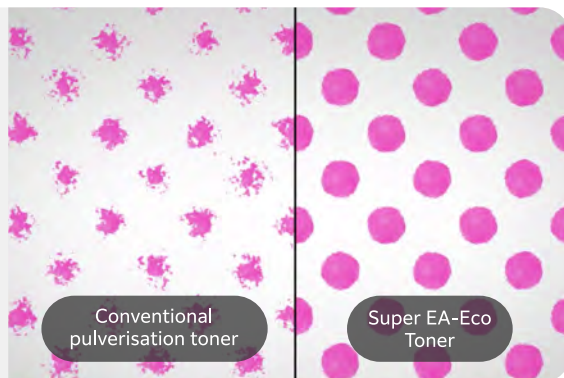


2400 x 2400 dpi LED Imaging

High-resolution LED exposure ensures precise dot placement and clean reproduction of small text, fine lines, and halftones. This is critical for dense transactional documents and detailed commercial graphics.

Super EA-Eco Toner

Uniform, ultra-fine toner particles deliver smooth gradations and consistent density across long runs. As a material-level stabiliser, this reduces variation and supports repeatable output during sustained production.

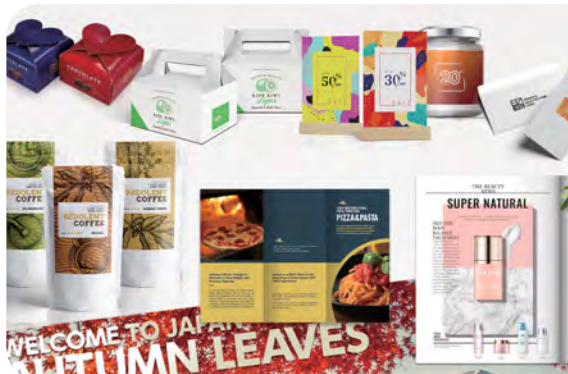
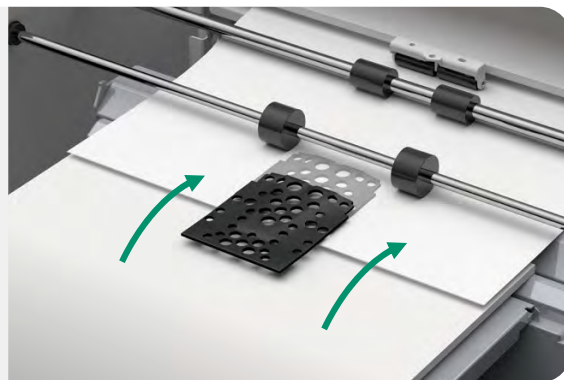


Transfer & Fusing Control

Optimised transfer field management and controlled low-temperature fusing maintain stable toner adhesion on coated, uncoated, and heavyweight media, reducing density shifts during extended jobs.

Precision Registration & Media Transport

Accurate duplex alignment, air-suction feeding, and optional static elimination stabilise sheet movement, ensuring front-to-back accuracy and reducing mechanical variability.



Expanded Colour Capability

Selected Revoria presses include additional specialty toner stations, increasing application flexibility. These stations enable value-added highlights and premium collateral on the same production platform.

Measured. Verified. Corrected.



For high-volume service bureaus, quality requires continuous monitoring rather than periodic checks.

Revoria Press uses an integrated closed-loop system with inline inspection, automated correction, and calibration control to ensure stable production.

Smart Monitoring Gate (SMG)

SMG is an inline optical inspection and correction system that operates in real time during production. It supports:

- **Measures** colour density variation
- **Detects** front-to-back registration drift
- **Identifies** streaks, spots, and image defects
- **Automatically** performs density and registration correction

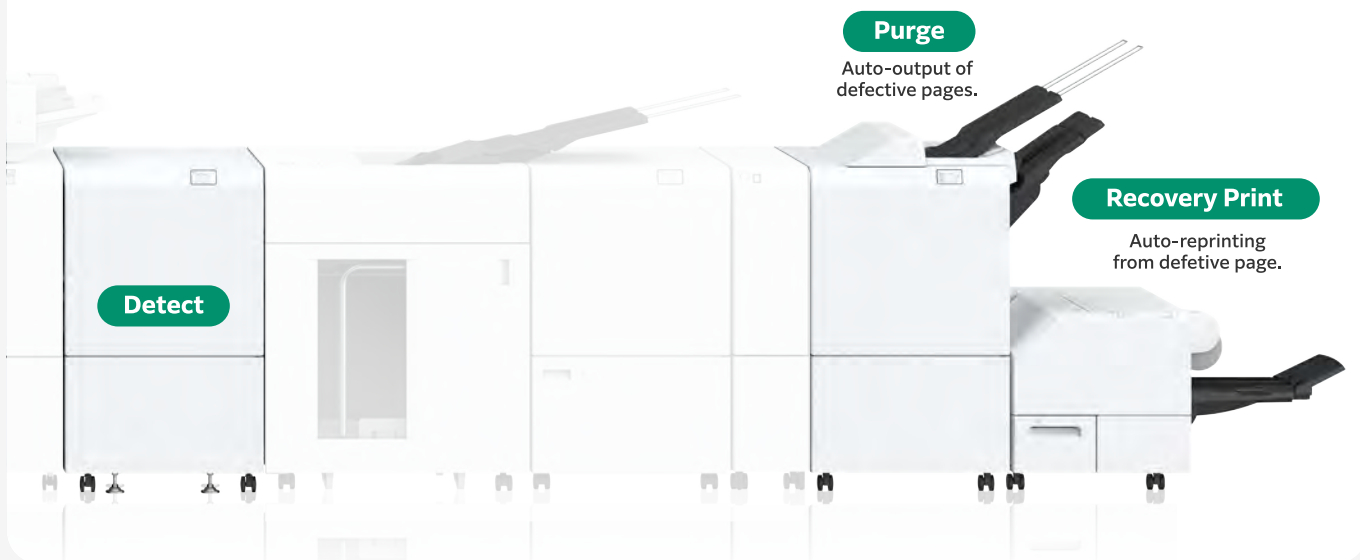
By linking sensor feedback directly to engine controls, SMG stabilises output without reducing throughput.

Print Inspection System (Optional)

The Print Inspection System compares printed output to the RIP reference file during production. It supports:

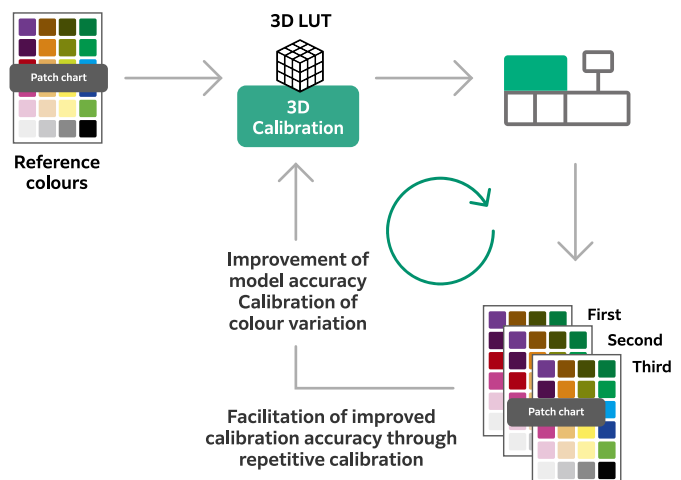
- **Pixel-level** defect detection
- **Barcode and OCR** verification
- **Page sequence** validation
- **Front/back** consistency checks

Sheets that fail inspection are automatically flagged and reprinted to protect document integrity in regulated workflows.



3D Calibration & Engine Feedback

Revoria Flow maintains long-run colour stability through automated 3D LUT calibration, tone curve adjustment, and engine alignment control. This ensures consistent output during extended transactional cycles.



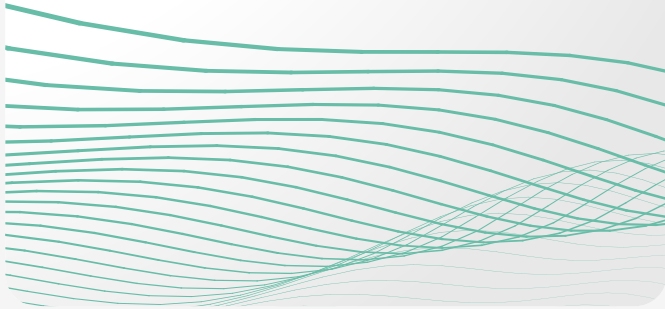
Together, these systems create a practical closed-loop architecture that detects deviations, corrects automatically, and maintains stability over time.



Built for Continuous Production

In addition to core engine performance, Revoria Press supports hardware configurations that extend continuous production time and reduce manual handling.

These **productivity configurations** reduce stoppages, manual touchpoints, and post-print handling steps, directly improving throughput consistency.



High-Capacity Feeding Configuration

Optional high-capacity feeders with air-suction technology and multi-feed detection enable extended unattended printing. Increased input capacity reduces reload frequency during peak transactional cycles.



High-Capacity Stacker with Mobile Trolley

High-Capacity Stacker modules support large-volume output stacking with detachable carts. Printed materials can be transported directly to finishing or dispatch areas without rehandling, reducing labour and turnaround time.



Inserter Module

Inline inserter units automatically add pre-printed cover sheets or specialised stock to production jobs. This eliminates offline collation and supports complex multi-part statement or manual assembly workflows.



Inline Booklet Maker & Finishing

Optional finishing modules support saddle stitching, stapling, folding, trimming, and punching. Short-run books, manuals, and structured reports can be produced in-line without secondary finishing equipment.



Curl & Static Management

Interface Decurler and Static Eliminator modules stabilise the sheet condition before finishing—improved sheet flatness and reduced static to minimise downstream jams and stacking inconsistencies.

Controlled Workflows at Production Scale

High-volume service bureaus rely on workflow discipline as much as engine performance. As job volumes increase and run lengths decrease, bottlenecks shift from print speed to file preparation, queue control, and repeatability.

Revoria Flow Print Server

Revoria Flow provides the processing backbone for complex, high-volume environments. Its high-speed RIP architecture handles heavy variable-data workloads without slowing engine performance, while parallel processing enables multiple client jobs to be prepared and queued simultaneously.

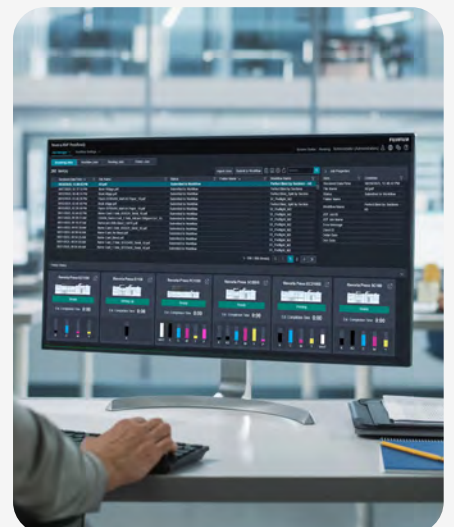
Automated queue management prioritises jobs during peak billing windows, and Media Library presets standardise setup parameters to reduce operator error and ensure repeatability across recurring contracts.



XMF PressReady Integration

XMF PressReady extends workflow governance upstream. Automated preflight checks identify file issues before they reach the press, while rule-based imposition and job ticketing standardise production logic across operators and shifts. This reduces manual intervention, shortens preparation time, and creates a consistent production framework that supports compliance, auditability, and predictable turnaround times.

Together, these workflow systems transform Revoria Press from a standalone device into a governed production platform, aligning file intake, processing, and output within a single controlled environment.



Choose the Right Revoria for Your Volume Profile





Revoria Press PC2120

The PC2120 is a high-volume Print Service Bureau printer designed for transactional, regulated, and commercial jobs. It achieves a sustained 120 ppm production rate, even during peak cycles, and ensures stable, long-run output through integrated closed-loop inspection and automation. While it offers dual-v stations for premium work, its main strength is combining speed, control, and inspection in demanding production environments.

- Up to 120 ppm
- 6 Stations (CMYK plus 2 Specialty Underlay and Overlay)
- Recommended Monthly Volume: 156,000 pages (A4 LEF simplex)



Revoria Press EC2100S / EC2100

The EC2100S / EC2100 is a balanced, stable production platform for mid- to high-volume Print Service Bureaus. It efficiently handles transactional, statement, and short-run book workloads with sustained throughput, integrated inspection, and cost control. Its single-specialty station enables value-added commercial or insert work without impacting core efficiency, making it ideal for centralising diverse client workloads.

- Up to 100 ppm
- 5 Stations (CMYK plus 1 Specialty Overlay)
- Recommended Monthly Volume: 136,000 pages (A4 LEF simplex)



Revoria Press E1 Series

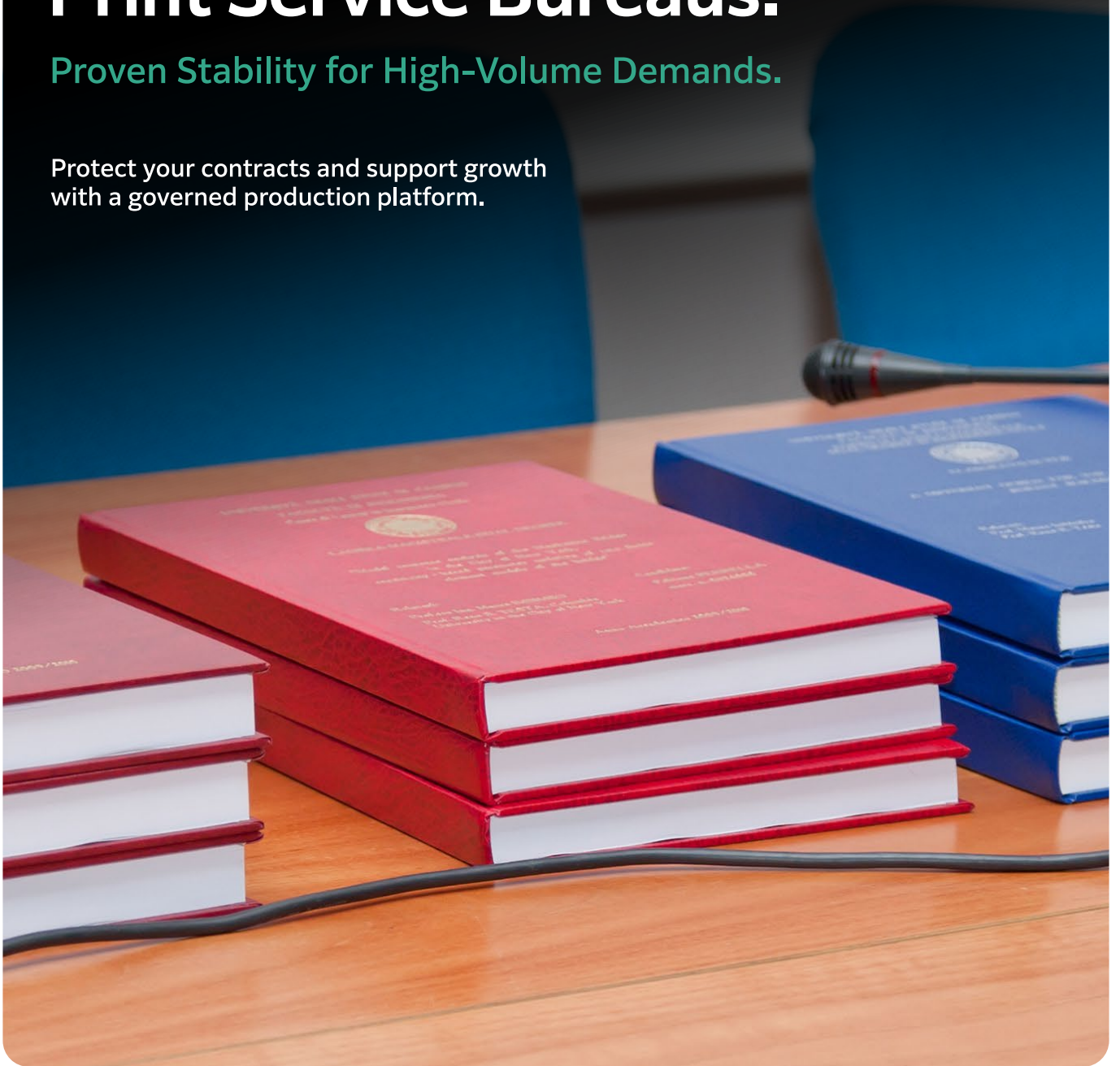
The E1 Series is a high-volume, scalable monochrome production engine for Print Service Bureaus, perfect for large transactional and statement jobs. It handles pure mono volume, freeing colour platforms for higher-margin work. Built for continuous duty and peak periods, the E1 helps service bureaus secure core billing contracts and optimise cost-per-page within a controlled production architecture.

- Monochrome production platform
- 5 models available (printer and multifunction configurations)
- Revoria Press E1100 | Up to 100 ppm | AMPV: 70,000 pages
- Revoria Press E1110 | Up to 110 ppm | AMPV: 150,000 pages
- Revoria Press E1125 | Up to 125 ppm | AMPV: 150,000 pages
- Revoria Press E1136 / E1136P | Up to 136 ppm | AMPV: 250,000 pages

Revoria Press for Print Service Bureaus.

Proven Stability for High-Volume Demands.

Protect your contracts and support growth
with a governed production platform.



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