PANSTONE

The Secure Computing Foundation for the AI Era.



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THE SECURE COMPUTING FOUNDATION FOR THE AI ERA

Secure computing, shaped by where compute belongs.



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A CHANGED COMPUTING LANDSCAPE

The boundary has moved.

Work is distributed. Data is more valuable. AI can now act, not only assist.



Security can no longer be treated as a layer added after the computing model is chosen. The model itself has to carry intent: where compute runs, where data remains, how domains meet, and who governs the whole environment.

ARCHITECTURE
before assumptions

BOUNDARIES
before convenience.

EVIDENCE
before claims.

THE GOVERNING QUESTION

Where should compute live?

Not every workload belongs in the same place. The right answer begins with data, risk and operational need - not with a default deployment model.



CENTRALISE where governance is strongest.

KEEP LOCAL where operations demand it.

THE PANSTONE PRINCIPLE

Put compute where it belongs.

PANSTONE designs secure computing around deliberate placement. Centralise physical compute when control, lifecycle and data location call for it. Keep independent compute local when continuity, proximity or domain separation matters.



CLOUD

CONTROLLED INFRASTRUCTURE

Dedicated physical compute, positioned away from the endpoint.



DESK / EDGE

INDEPENDENT LOCAL HOSTS

Separate work domains, kept close to the operation.

ONE BRAND SYSTEM

Two places for compute. One way to govern.





PANSTONE CPC

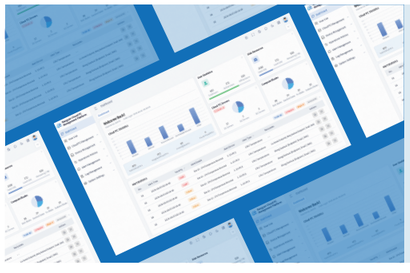
CLOUD PHYSICAL COMPUTER

Physical computing positioned in controlled infrastructure.

PANSTONE DPC

DUAL-HOST PC

Two independent physical hosts at the desk or edge.



DMS

The shared management and control plane for PANSTONE CPC and DPC.

PANSTONE CPC

Cloud Physical Computer

PHYSICAL COMPUTING IN THE CLOUD

CPC places a dedicated physical computing environment in controlled infrastructure, while the user connects through an intended interaction path.



01

COMPUTE

Dedicated physical environment

02

CONTROL

Intended interaction path

03

USER

Access and experience

CPC capabilities and data behavior depend on the validated product version, endpoint type, policy, peripherals, network topology and deployment configuration.

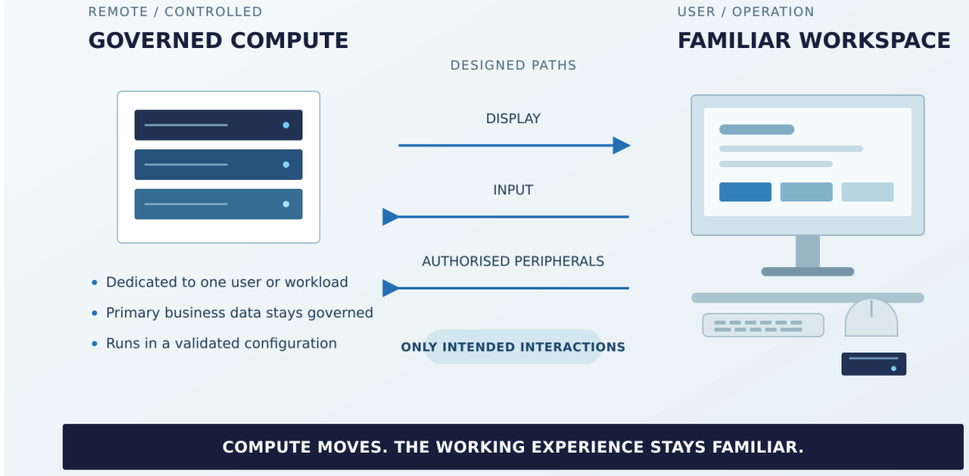
WHY CPC

Move the compute. Keep work intuitive.

01 / DEDICATED A physical computing environment assigned to the user or workload, rather than defined by a conventional shared multi-user virtual machine.

02 / CONTROLLED Compute and primary business data can remain within the governed environment in validated configurations.

03 / CONSIDERED Display, input and authorised peripheral interaction are treated as designed paths, not invisible assumptions



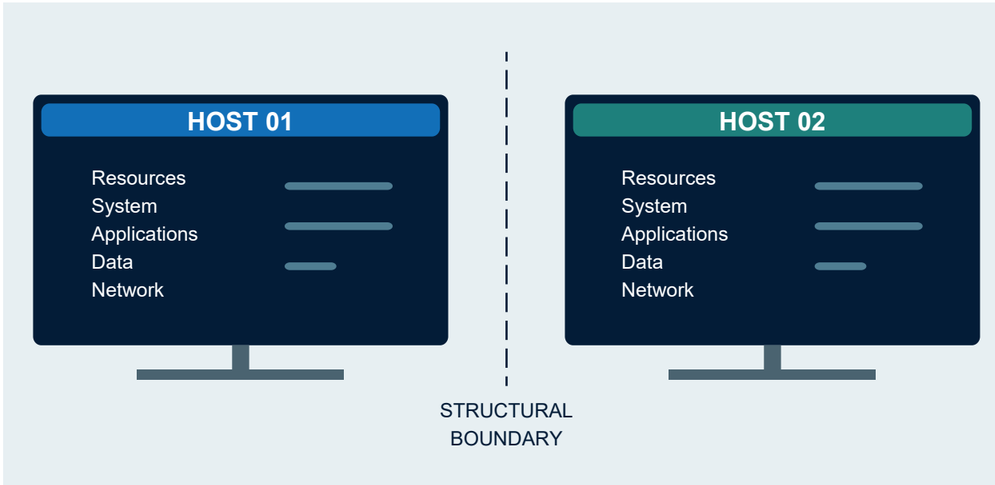
PANSTONE DPC

Dual-Host PC

Dual Hosts in One Device — Physically Separated Domains.

DPC brings two independently operating physical computing environments to the desk or edge, for work that calls for local continuity and deliberate domain separation.





SEPARATION, STATED PRECISELY

Clear domains. Clear dependencies.

DPC is designed around structural separation between two independent physical hosts. The promise is credible only when the shared and separate parts are described together.

SEPARATE	Each host carries its own compute resources, operating system, applications, business data and business network.
DEFAULT	Shared display and input do not imply a default business-data path between domains.
AUTHORISED	Collaboration or exchange, when provided, depends on explicit configuration, permissions, versions and delivery scope.
SHARED	The enclosure, power, cooling and certain management or interaction components remain common dependencies.

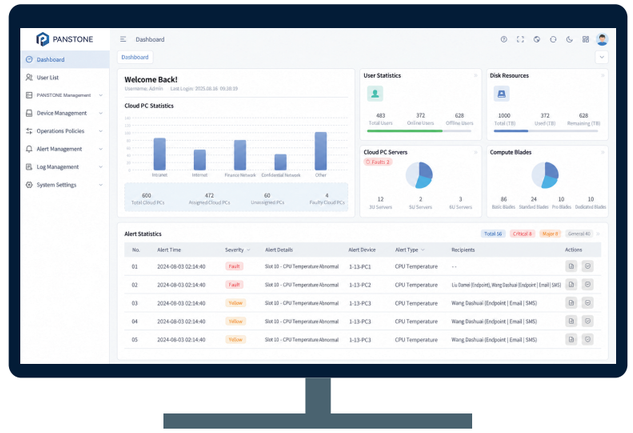
Truthful language protects trust.

PANSTONE does not turn configuration-dependent behavior into absolute claims.

DMS

One shared plane. Not a third product line.

DMS is the shared management and control plane for PANSTONE CPC and DPC. It helps bring identity, assets, policy and operations into one governed view - within the capability, version, licence and deployment scope delivered.



01 IDENTITY	02 ASSETS	03 POLICY
04 VERSIONS	05 OPERATIONS	06 LOGS

Unified management does not imply unrestricted cross-domain data exchange.

A SIMPLER DECISION MODEL

Centralise where you can. Keep local where you must. Govern both.

01 Does control improve when compute moves away from the endpoint?

Consider PANSTONE CPC.

02 Does the work require independent local domains or continuity at the desk or edge?

Consider PANSTONE DPC.

03 Do both environments need consistent operational governance?

Use DMS within the delivered scope.

COMPUTING FOR THE AI ERA

AI changes the trust boundary.

As AI moves from recommendation to execution, human work and machine action need intentional boundaries, permissions and accountability.



Separate what must remain independent.
Govern what must work together.

WHERE THE PRINCIPLE BECOMES PRACTICAL

Designed for work with real boundaries.



01

REGULATED KNOWLEDGE WORK

When sensitive information, user access and endpoint exposure need deliberate control.



02

R&D AND ENGINEERING

When high-value applications and data benefit from governed compute placement.



03

OPERATIONS AND EDGE

When local continuity and separation between operating domains matter.



04

AI-ENABLED WORK

When human workspaces and AI execution require distinct authority and traceable boundaries.

Suitability depends on the validated product configuration, deployment design and customer requirements.

HOW PANSTONE SPEAKS

Trust is built in the language, too.

Validate the architecture.

We distinguish product fact, configuration, validation and ambition.

Define the delivery scope.

We make choices and boundaries understandable before adding detail.

Support the lifecycle.

We do not turn a condition, test or design intent into a universal promise.

Proof over adjectives.

BRAND AND ARCHITECTURE

NGCC gives secure computing a clear structure.

PANSTONE turns the NGCC architecture into physical-computing products for AI-era enterprise workloads.



NGCC / NEXT GENERATION COMMERCIAL COMPUTER

NGCC is an open category and architecture centred on cloud-hosted physical computing, with local dual-host extensions and unified, controlled management. PANSTONE implements this approach through CPC and DPC, with DMS as their shared management and control plane.

01 / PHYSICAL COMPUTE	Dedicated physical environments can be positioned in controlled infrastructure or kept local at the desk or edge.
02 / DELIBERATE BOUNDARIES	Compute, network, interaction and management boundaries are designed as one system.
03 / SHARED GOVERNANCE	CPC and DPC remain distinct product lines, with DMS serving as their shared management and control plane.

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