

burgtec

LifeTrack™

Redefining longevity and sustainability in modern workstations.



LifeTrack™

The Burgtec Commitment

Our goal is to create smarter, more sustainable workspaces where every workstation delivers lasting value, minimises waste, and maximises economic return over its lifetime.

Burgtec LifeTrack™ is more than a warranty. It's a rethinking of how workplace furniture is designed, maintained, and valued. It's about reducing waste, prolonging life, and introducing intelligence into every workstation we make. Burgtec's leadership in commercial furniture design now extends beyond craftsmanship and design excellence. It extends into measurable sustainability and smarter lifecycle management.

Our industry faces a major environmental challenge: millions of desks and workstations end up in landfill every decade. Most of these items are disposed of not because they're unusable, but because traditional warranty structures and procurement models encourage replacement instead of renewal. LifeTrack™ reverses that logic.

By introducing a cycle-based warranty, a next-generation sustainable actuator system from LINAK®, and a data-driven smart desk ecosystem powered by a partnership between DPG and AXON Solutions, Burgtec positions itself as the first Australian manufacturer to offer a genuinely circular model for workstations.



Burgtec's LifeTrack™ initiative is not a single feature. It's an integrated ecosystem across engineering, service, data, and sustainability. This approach creates both environmental and financial value. Clients save through refurbishment and reuse while maintaining a fresh, modern workspace. And because every refurbished workstation stays in service longer, it dramatically reduces embodied carbon over time.

Design and manufacturing integration

Every workstation frame is built with LINAK® EXPERIENCE actuators. These are PFAS- and PVC-free, ultra-efficient, and tested to 25,000+ cycles, more than triple the industry standard. Each actuator is enabling lifetime tracking.

Deployment and smart activation

At installation, each workstation is paired with an AXON device, either AxPanel™, AxHub™ by AXON Solutions, or both. This allows Burgtec and the client to track usage, actuator health, and cycle counts securely through the cloud.

Warranty management via data

The AXON ecosystem feeds verified data back to Burgtec's LifeTrack™ platform, allowing dynamic warranty validation. Clients can view their desk's actual cycle data and trigger maintenance when needed, in real time.

10 year audit and renewal cycle

After 10 years (or 6,000 cycles, whichever comes first), Burgtec will be re-engaged to conduct an in-depth audit. Workstations in good mechanical health are re-certified for another decade/6,000 cycles, optionally refurbished for aesthetic updates, and reissued with a new warranty certificate.

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The problem with time based warranties

Traditional warranties assume all desks are used equally, which is far from reality. Data from Burgtec’s 2025 usage analysis shows vast disparities between actual use patterns. A fixed 10-year warranty penalises light users while barely covering heavy-use environments. LifeTrack™ ties coverage to cycles*, not time, ensuring fairness, transparency, and sustainability.

*each “cycle” being defined as a complete finished movement in both the “upwards” and “downwards” direction.

Very light	1,000
Per week: 2 Per month: 8 Per year: 100	
Occasional	2,000
Per week: 4 Per month: 17 Per year: 200	
Average	5,000
Per week: 10 Per month: 42 Per year: 500	
High	6,500
Per week: 13 Per month: 54 Per year: 650	
Intensive	8,000
Per week: 16 Per month: 67 Per year: 800	

The solution

Together, these pillars make Burgtec’s LifeTrack™ a unique sustainability framework that merges hardware, data, and lifecycle design.

Cycle-based Extended Warranty

Measured by real-world actuator cycles, not years. Every workstation is individually auditable and re-certifiable.

Sustainable LINAK® EXPERIENCE Hardware

The strongest, smartest, and greenest actuator system ever produced, built for 25,000+ cycles and zero standby power waste.

Smart Workstations with DPG AXON technology

IoT-connected desks that monitor use, enable booking, track cycles, and integrate into ESG dashboards.



Pillar 1: Cycle-based extended warranty

The Concept

Replace arbitrary time-based cover with measurable cycle-based tracking. Each workstation is warranted for 6,000 cycles, equating to over 10 years of average use. At each 10-year audit, Burgtec reviews condition, repairs or refreshes components, and reissues a new 10-year/6,000 cycle warranty.

Key Elements

- Warranty bound to usage data captured by AXON sensors.
- Certified audits for cycle count, load performance, and component integrity.
- Option to refresh tops, screens, or finishes for design renewal.
- Circular re-certification keeps workstations in service for 20+ years.
- This program is not about buying fewer workstations—it's about buying smarter.

Every Burgtec workstation becomes a long-term asset, capable of evolving with your business while maintaining style and performance.

Circular economy impact & modelling

Typical outcomes (from LifeTrack™ internal study 2025)¹:

Cost saving	Up to 67% vs. total replacement
Landfill reduction	Up to 97% reduction in disposed mass
Embodied carbon reduction	Up to 91% reduction per workstation

Even the greenest furniture has an environmental cost to produce. But by keeping your existing workstation in service, you effectively halve the carbon footprint compared to replacing it. A workstation that remains in use for a second decade has already outperformed industry sustainability standards.

Re-certification workflow:

1. Audit & Assess – Frame, electronics, and aesthetic condition.
2. Plan & Retrofit – Integrate new finishes, refreshed components or updated AXON Solutions controls if required.
3. Reissue Warranty – New 10-year certificate and ESG report.
4. Report & Record – Track carbon, cost, and landfill savings¹.

Pillar 2: LINAK® EXPERIENCE — engineered to perform

LINAK® EXPERIENCE introduces a fundamental shift in sustainable design.

Feature	Specification
Speed	80 mm/s (configurable)
Load Capacity	800 N
Self-Lock	1200 N
Energy	30% reduction (drive mode) / 0.1 W standby
Lifespan	25,000 tested cycles
Warranty	10 years
Material Health	PFAS-free, PVC-free

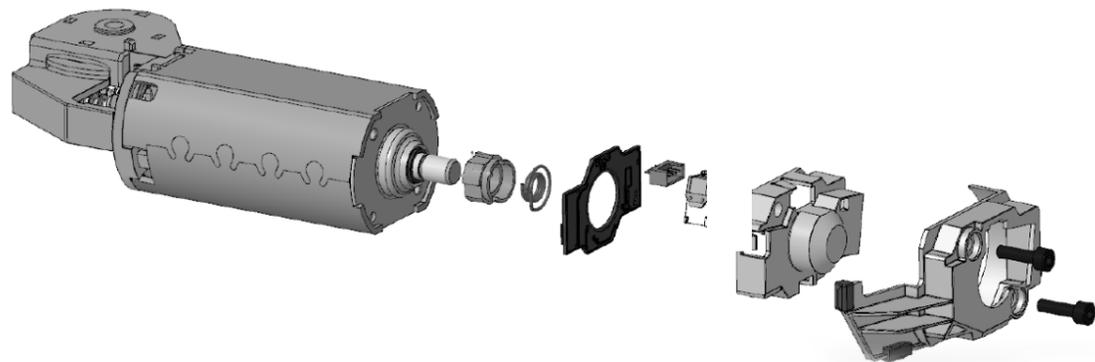
The redesigned actuator removes friction brakes, uses a rolled wormshaft for higher efficiency, and achieves double the service life of standard systems while being quieter and cleaner to produce.

Experience: sustainability by engineering

Sustainability outcomes:

- 30% less power draw during movement.
- Zero standby drain (0.1 W) when idle.
- PFAS-free compliance ahead of 2028 EU bans.
- PVC-free for improved recyclability.

Lifecycle Assurance: LINAK® backs the EXPERIENCE system with a global 10-year warranty, matching Burgtec's LifeTrack™ model, creating alignment across the entire lifecycle. Production is scaling across Denmark, USA, Thailand, and China, ensuring robust global availability and local service support for Burgtec clients.



Pillar 3: Smart desk capabilities Powered by AXON Solutions

In collaboration with AXON Solutions and DPG, Burgtec integrates AXON IoT technology into every LifeTrack™ workstation. This partnership transforms static furniture into intelligent, data-driven assets. Uniquely, the Axon system connects to the Linak® actuators, which enables a new level of analytics, control and 'push' movement functionality, which is industry-first connectivity.

Core features:

- Desk control via app or AxPanel™ by AXON Solutions touchscreen.
- Automatic end-of-day reset for cleaning efficiency.
- Desk booking and QR-based check-in/out.
- Follow-Me Ergonomics for posture balance.
- Actuator cycle monitoring for accurate warranty tracking.
- Real-time analytics dashboards for occupancy and energy usage.

Infrastructure: Built on AWS with ISO 27001-aligned security, using EncryptaMesh®, a proprietary mesh allowing 28 devices per Wi-Fi point.

The Axon ecosystem: AxPanel™, AxHub™, AxWipe™ by Axon Solutions

AxPanel™ by AXON Solutions

The Smart Desk Display

- Multi-function touch interface: booking, control, communication.
- Displays real-time desk status and health.
- Supports corporate messaging and branding.
- Optional: 2 USB-C 65W charging: eliminates the need for other desk power.

AxHub™ by AXON Solutions

Movement Simplified

- Replaces physical buttons with wireless control via app.
- Provides movement nudges and usage feedback.
- Tracks cycle count and reports to warranty dashboard.

AxWipe™ by AXON Solutions

Hygiene Automated

- UVC desk sanitisation between bookings.
- Reduces cleaning labour and chemical waste.
- First and only automated solution of its kind in ANZ.

DPG Power-Cut™ Technology

This is a power control switch connected to the desk booking module. If desk booking is in use, this switch controls power to the desk and can force users to sign in to the booking system before any power to the desk is activated. This ensures compliance with office protocols and also eliminates power wastage when desks are idle.





ROI and operational efficiency

Space utilisation	On average, 30 to 50% of sit-stand desk mechanisms are unused daily. AXON analytics enable consolidation, reducing real estate costs by up to 30%.
Energy savings	Up to 15% lower electricity use through smarter automation.
Cleaning efficiency	Automatic desk resets to maximise height for cleaning.
Health & productivity	Optional 'nudges' to promote office wellness, and customisable visual cues on the AxPanel screen for messaging / branding, if required.

Audit and re-certification process

At the 10-year mark, Burgtec activates a structured LifeTrack™ Audit:

- Step 1, Inspection: Review actuator life, mechanical condition, and design wear.
- Step 2, ESG Measurement: Quantify landfill diversion, carbon savings, and embodied carbon.
- Step 3, Refurbishment: Replace tops or screens, update electrical components if desired.
- Step 4, Reconfiguration: Relocate and change desks into new locations to suit new office design (if required).
- Step 5, Certification: Reissue warranty documentation, update asset register.

KPIs & ESG reporting

Metrics measured per client:

- Frames reused (%)
- Landfill diversion (kg saved)
- Embodied carbon reduction (%)
- Average cycle life remaining
- Energy and cleaner time savings

Burgtec provides annual and end-of-cycle reports that align with NABERS, WELL, and ISO 14001 frameworks for environmental and wellbeing accreditation.

Procurement and policy alignment

Specification language example:

All workstation frames shall be Burgtec LifeTrack™ certified with LINAK® EXPERIENCE actuators and AXON smart control capability. Warranty shall be based on actuator cycles, re-certifiable at 10-year intervals, with refurbishment-first sustainability approach.

This ensures circular procurement alignment with Australian Government Sustainable Procurement Guidelines and Green Building Council of Australia targets.

Governance, data security & privacy

Burgtec operates LifeTrack™ under strict governance principles:

- Data Security: AES-256 encryption across all device communications.
- Privacy: Only aggregated usage data collected; no personal identification stored.
- Transparency: Clients maintain full visibility of all desk data through secure dashboards.
- Compliance: Hosted on AWS infrastructure with ISO 27001 and SOC 2 Type II compliance.

Frequently asked questions

Can Life Track™ desks integrate into other office or facilities management software?

Yes, through an Open API, LifeTrack enabled desks can be used, booked and controlled through any compatible 3rd party software.

Can Life Track™ desks be upgraded to include desk management and other features in the future?

Yes. Once a desk has been commissioned and connected to the IoT network, it can be connected onto any desk management system as required, at any point in the life cycle.

Can clients track performance across multiple sites?

Yes. AXON dashboards can consolidate data across entire portfolios.

What happens if a desk reaches 6,000 cycles early?

A mid-term service is performed; the actuator may be re-certified or replaced to reset warranty.

What if a tenant relocates?

LifeTrack™ facilitates relocation audits and warranty continuity. Frames can move with tenants.

Could a desk potentially be certified for a third 10 year term, should it be less than 12,000 cycles after 12 years?

Hypothetically, yes it could. Actuators will still be certified up to 12,000 cycles, and could be certified for a 3rd term, subject to Burgtec physical assessment.



The Burgtec advantage

Burgtec combines Australian design and manufacture with global innovation partnerships. Through LINA^K's engineering and the AXON Solutions ecosystem, we deliver solutions that are durable, intelligent, and environmentally accountable.

LifeTrack™ lays the foundation for truly regenerative workplace systems. With circular supply chains, connected assets, and AI-driven analytics, the next decade of Burgtec innovation will transform furniture from consumable objects into long-term sustainable assets.

Key outcome 1	20+ year product life achievable for workstation frames.
Key outcome 2	60 to 90% embodied carbon reduction achievable ¹ on second life.
Key outcome 3	Verified ESG reporting built-in ¹ .

We build with purpose,
and we build to last.
Through LifeTrack™,
Burgtec enables
workplaces that are
healthier, smarter, and
built to endure.

¹ Disclaimer: All data and modelling referenced in this document is based on internal analysis and assumptions. Our workstations are currently under testing to be certified for a full EPD Life Cycle assessment, which will simply validate the reduction in landfill and embodied carbon values, rather than relying on estimates. Regardless of this certification, extending the life of any product by 100% will result in a proportionate reduction in environmental impact and cost, even without the exact value/quantum of reductions being assessed.

Creating commercial furniture in Australia
for workplaces and public spaces, without
compromise, since 1981.

burgtec.com

Brisbane

Level 12
300 Queen St
Brisbane QLD 4000

brisbane@burgtec.com
1300 585 065

Canberra

Suite 2, Ground Floor
15 Moore St
Canberra ACT 2601

canberra@burgtec.com
1300 585 065

Melbourne

Suite 5, Level 4
289 Flinders Ln
Melbourne VIC 3000

melbourne@burgtec.com
1300 585 065

Sydney

Level 1
36 Carrington St
Sydney NSW 2000

sydney@burgtec.com
1300 585 065

Central Coast (HQ)

10A Corella Cl
Berkeley Vale
NSW 2261

centralcoast@burgtec.com
1300 585 065