

AI-NATIVE LAUNCHPAD · ELECTRONICS

Fewer line stops. Faster changeovers. Better yield.

An AI-native electronics maker sees part shortages early, spots yield problems before boards ship and gives engineers answers from their own test and repair history. People still sign off; AI does the digging.

01
Know where to start
Find the AI opportunities that matter most to your business.

02
See it work
Pick one idea and we build a working proof of concept with you.

03
Know what comes next
Get a step-by-step roadmap with timeline, budget and estimated return.

FIXED-FEE PACKAGES

Launch **$2,500** | Accelerate **$7,500** | Transform **$19,500**

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ELECTRONICS · WHERE AI HELPS

From today's problems to AI-native work

THE PROBLEMS TODAY

01

Part shortages that stop the line

A key part runs short, approved substitutes are not ready and a build slips while buyers hunt for stock.

02

Yield data scattered everywhere

Test, inspection and supplier lot data sit in different tools, so a yield drop is found days after it started.

03

Field returns closed on guesswork

Returned units wait for failure analysis while engineers dig through test logs, lot records and old reports by hand.

WHERE AI CAN HELP

01	**Shortage early warning**	Flag parts likely to run short against the build plan and point to approved alternates.
02	**Yield drift alerts**	Watch test and inspection results and warn engineers when a lot or station drifts from normal.
03	**Faster changeovers**	Suggest a build order that groups similar setups, so lines spend less time changing over.
04	**Failure analysis helper**	Pull test history, lot records and similar past cases together for each returned unit.
05	**Engineering knowledge assistant**	Let technicians ask about rework steps, test programs and specs and get answers from your own documents.

FOR INSPIRATION

AI-native ideas to get you thinking

Examples only, to show what AI-native work can look like. They are not part of the package scope or a promise of what we will build; your POC is agreed with you.

The daily shortage brief

TODAY

Buyers check stock against the build plan in spreadsheets and chase shortages one by one.

AI-NATIVE

Each morning a brief could list parts at risk this week, the builds affected and the approved alternates to consider.

A yield drop spotted by lunch

TODAY

Engineers notice a yield problem in the weekly report, after many boards are already built.

AI-NATIVE

An alert could flag the station and supplier lot behind a drop within hours, with the readings that raised it.

A head start on every return

TODAY

An engineer spends hours gathering test logs and lot history before analysis can begin.

AI-NATIVE

Each returned unit could arrive with its build and test history and similar past cases already pulled together.

ELECTRONICS · THREE PACKAGES

Your Launchpad

FIXED FEE, AGREED SCOPE	Launch $2,500 Small businesses 1–50 employees · 3–4 weeks	MOST POPULAR Accelerate $7,500 Growing companies 51–500 employees · 5–6 weeks	Transform $19,500 Larger organisations 501+ employees · 8–10 weeks
Teams we work with	1 team	3 teams	6 teams
AI opportunities assessed	Up to 5	Up to 10	Up to 20
Working proof of concept	1 simple POC	1 connected POC	1 advanced POC
AI-native roadmap	6-month plan	12-month plan	18-month plan
Team training	1 session	2 sessions	4 sessions
Follow-up review	30 days after	30 days after	30 days after

EVERY PACKAGE INCLUDES

- AI-native consultancy and roadmap
- One proof of concept you choose
- One Burdenoff product free for 3 months
- Budget and return-on-investment model
- Executive readout

WHAT YOU RECEIVE: 8 DELIVERABLES

01 AI readiness scorecard
02 Opportunity map
03 Ranked use cases
04 One working proof of concept
05 AI-native roadmap
06 Budget and ROI model
07 AI governance starter kit
08 Executive readout

PROOF OF CONCEPT

You choose the proof of concept

Pick one of our suggested ideas for your industry, or bring your own business problem. We check that it fits the package, agree what success looks like in writing, then build it with you.

Good to know: A proof of concept shows an idea working on real or sample data. It is not a production system; we scope the production version with you as a next step.

LAUNCH · $2,500

Rework and test knowledge assistant

An assistant that answers technician questions from your work instructions, rework notes and test specs, so fewer jobs wait for an engineer.

SUCCESS MEASURE
Time to answer common technician questions

ACCELERATE · $7,500

Shortage watch on your planning system

Shortage alerts built from your planning or stock system for one product family, with suggested alternates for buyers to review.

SUCCESS MEASURE
Shortages caught early and builds kept on schedule

TRANSFORM · $19,500

Yield and returns insight desk

One view linking test, inspection, supplier lot and return data across lines, flagging likely causes for engineers to confirm.

SUCCESS MEASURE
Time to find a yield cause and to close a return

INCLUDED IN EVERY PACKAGE

Any one product, free for 3 months

Pick any live product from the Burdenoff portfolio and use it free for 90 days.

- One product per organisation
- 90 days in a row from activation
- Agreed seats and usage
- No automatic paid renewal
- Export your data at the end

GOOD FITS FOR ELECTRONICS

ManufacturedOps	Run work orders, changeovers and quality checks for your electronics builds in one place.
LabsOfScience	Keep failure analysis, qualification tests and their data in one record that is easy to search.
AssetHandler	Track testers, placement machines and their calibration and maintenance history.

ALGOSHRED TECHNOLOGIES

ELECTRONICS · THE ROAD AHEAD

Your road to AI-native

STEP ONE: THE LAUNCHPAD

NEXT STEPS WE CAN TAKE TOGETHER

Months count from the end of your Launchpad.

NOW · 3–10 WEEKS

Launchpad

Map where shortages, yield loss and rework cost you most, prove one idea on real data and agree a costed roadmap.

NEXT · MONTHS 1–3

Roll out the first win

Take the proven idea into daily use across more lines and product families, with training and clear owners.

THEN · MONTHS 4–9

Connect build and test data

Link planning, test, inspection and supplier data so buyers, engineers and quality work from one picture.

LATER · MONTHS 10–18

Run AI-native

AI helpers become part of planning, testing and returns, measured and improved each month.

> The Launchpad is step one: it shows the real value of going AI-native in your own business. Rolling out, scaling and running AI day to day are later steps. You decide if and when to take them, with us or anyone else.

THE FIRST 100 DAYS

Your package takes 3–10 weeks of this. The rest is your team trying the POC, deciding and preparing, with our 30-day follow-up.

DAYS 1–15

Discover

Talk to your people, measure today's costs and check AI readiness.

DAYS 16–30

Prioritise

Pick the highest-value ideas, review the risks and agree the POC.

DAYS 31–60

Prove

Build and test the proof of concept with your team.

DAYS 61–75

Plan

Finish the roadmap, budget, operating model and estimated return.

DAYS 76–100

Decide

Review results, train owners and choose what to invest in next.

HOW WE MEASURE SUCCESS

- **Line stops caused by part shortages**
- **First-pass yield**
- **Changeover time per line**
- **Time to close a field return**

HANDLE WITH CARE

- Keep designs, test programs and customer data out of public AI tools and agree who can see them.
- Have a qualified engineer sign off any alternate part, test change or failure finding before it is used.
- Some chip designs and technical data are export-controlled; keep them on systems your compliance team approves.

YOUR PROTECTIONS

- ✓ **Fixed fee for an agreed scope**
- ✓ **Written success criteria for the POC**
- ✓ **A named engagement lead**
- ✓ **Weekly progress updates**
- ✓ **Your data rights written into the contract**
- ✓ **Tool advice based on fit, not on what we sell**
- ✓ **No access to live systems without your approval**
- ✓ **Clear exit and data export at any point**

START HERE

Book a free AI consultation

A 30-minute call about your business. Serving businesses worldwide, with a presence in India, the USA and the UAE.

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Fixed fees in US dollars. Taxes and third-party usage (for example AI model or cloud charges) are extra and always agreed in writing first. Return estimates are scenarios built from your own numbers with the assumptions written down. They are not guarantees.