

PRESS RELEASE

Joan puts a four-colour ePaper display on every badge in the building

The reusable Joan ePaper badge brings electrophoretic display technology to the ID badge, one of the last workplace items that is still printed. It covers employees, events and visitors.

Milpitas (CA), 21 October 2026. Joan Workplace has launched the [Joan ePaper badge](#), available in more than 90 countries. It is the smallest screen Joan has ever made: a reusable 4-inch, four-colour ePaper display, worn around the neck. It updates over Bluetooth and runs about 200 days on a rechargeable battery at two updates a day.

Why a badge needs ePaper

A badge has no fixed location, so it can't rely on a cable or a daily charge. An LCD badge would need charging every day and would be hard to read in sunlight. ePaper is bistable: it draws power only when the image changes, about 1 to 2% of what an equivalent LCD uses. It holds the image with no power at all and reads like paper in any light. That is why one charge lasts about 200 days.

ePaper is not for video, motion or live dashboards. It wins where content changes occasionally and the surfaces run into the hundreds, and a badge fleet is exactly that kind of job.

The last printed thing in the office

Rooms, desks and entrances have gone digital, but the ID badge has stayed printed. It goes out of date the moment a title, photo or access right changes, and it stays wrong until someone reprints it. The Joan badge takes its content from the systems an office already runs: the user directory, the visitor system, calendars and access control. When something changes, the badge redraws itself.

One display, three content lifecycles

- **Employees: worn for years.** The [employee ID badge](#) replaces the printed plastic card. Badges are assigned in batches from the user directory, and photo, name and role re-sync instead of being reprinted. An NFC chip (NXP MIFARE DESFire EV3C) opens doors wherever the building's access-control system supports it. A lost badge can be revoked centrally.
- **Events: worn for the day.** Organisers write hundreds of [event badges](#) from the attendee list before the doors open. A misspelled name is a re-sync, not a reprint. Afterwards the badges are cleared, recharged and reused.
- **Visitors: worn for a couple of hours.** At check-in, a [visitor badge](#) writes itself with the guest's name, company, photo and host. On the way out it goes back in the dock and clears itself for the next guest.

The badge runs on the same Joan Workplace platform as Joan's meeting room displays, desk booking, visitor management and digital signage. Badges are configured wirelessly, in batches.

Luka Birsa, Co-founder & CTO, Joan Workplace: *"Our industry has spent a long time asking how big and how bright a screen can get. The more interesting question now is how many surfaces a building needs to show what's true, and how few of them should need a cable. ePaper didn't suddenly get great. The workplace finally needed what it's good at. The badge is the smallest screen we make, and it has the biggest job. It's ePaper with a personality: it knows who it belongs to, and it acts on that. As buildings become something software and AI can actually run, surfaces like that are where those decisions reach people. The intelligence stays invisible. The display is where it becomes real."*

Key facts

Spec	Detail
Display	4-inch, four-colour ePaper
Power	Draws power only on image change; holds the image with no power
Battery	About 200 days on a rechargeable battery at two updates a day
Connectivity	Bluetooth updates; NFC (NXP MIFARE DESFire EV3C) for door access where supported
Use cases	Employee ID, event badge, visitor badge
Platform	Joan Workplace (room booking, desk booking, visitor management, digital signage)
Availability	Available now in 90+ countries

About Joan Workplace

Joan Workplace (getjoan.com) provides a platform for meeting room booking, desk reservation, visitor management and digital signage, built on ultra-low-power ePaper displays. The award-winning Joan meeting room schedulers are known for wireless mounting and exceptional energy efficiency. The Joan Workplace platform is trusted by millions of companies worldwide, including numerous Fortune 500 corporations. Joan Workplace is a brand of Visionect, a global leader in ePaper technology.

Images

All images are supplied for editorial use: [press kit](#).

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