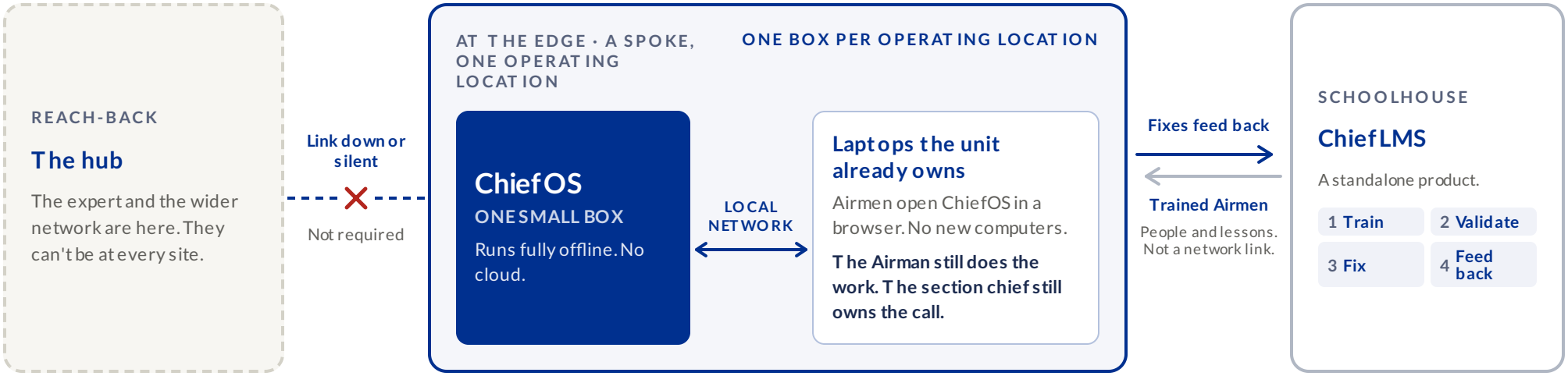
Edge AI for the spoke. It runs with no reach-back to the hub.

ChiefOS is an operations system for aircraft maintenance, support equipment, comm, and medical gear under Agile Combat Employment. One small box per operating location. It runs fully offline. No cloud.



WHEN A FAULT SHOWS UP · THE AIRMAN TYPES IT, THE BOX WALKS IT

1 Airman types the fault

They write what they found. An aircraft discrepancy, a generator that won't start, or a comm link the crew can't use.

2 The box walks the checks

ChiefOS walks the checks for that fault. The Airman still does the hands-on work.

3 Ask Chief answers from the TOs

Ask Chief answers from that shop's technical orders, with citations. It isn't watching the equipment.

4 The shop records it

The fault can go on an AFTO Form 781A or an AFTO Form 244 in Maint Shop, or to the shop that owns the system. Either way it stays on the box.

5 The AAR stays for shift turnover

What the shift did stays on the box. The oncoming shift isn't starting from a blank page.

ON THE BOX TODAY · SIX THINGS, NO MORE

Networks app · Help Desk · Fault walkthrough · Ask Chief · AAR capture · Maint Shop

Maint Shop worksheet: AFTO Form 781A or 244.

WHO IT SERVES IN THE AIR FORCE

Aircraft maintenance · Support equipment · Command cyber · Biomedical equipment · Munitions · Schoolhouses

Limits. The worksheet is filled in on the box. ChiefOS does not write it into GCSS-Army, GCSS-MC, IMDS, or the Navy 3-M system. ChiefOS doesn't find the fault; the Airman types what they found. Awardable is pre-competed list status, not a contract.

Concept graphic. Not to scale. No system internals depicted. Patent pending. Copyright registration filed. Proprietary. © 2026 TK Tech Venture, LLC. All rights reserved. Unclassified.

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