

Dong Rui

Network / Systems Engineer • Identity & Cross-border Infrastructure

Male · 37 · Married · Urumqi / Shenzhen · 15 years of IT delivery
+86 18690868878 · 83051278@qq.com · Portfolio dr.cctv15.net

Target IT Support / Network Engineer · Indonesia · RMB 22,000–25,000 / month

Summary

Fifteen years delivering networks, systems and enterprise IT — from carrier transmission and e-government to multinational manufacturing. Recent focus: identity infrastructure (Active Directory, SCCM, Entra ID, SSO), cross-border SD-WAN, multi-vendor firewalls, and customer-confidential production-line isolation. Owns the full cycle from design, budget and vendor briefing to operations. Uses GLM, Gemini, Grok, Claude and GPT agents to speed up design documents and engineering estimates. Also ships production software (Node.js / Java, payments, cloud provisioning).

Core skills

SDH / PTN / GPON / WDM	SD-WAN / PBR	Fortinet / AhnLab / Huawei	AD DS / DNS / AD CS
SCCM / MECM	Entra ID / Azure AD	NPS RADIUS / 802.1X	LDAP / SSO
Zabbix + reporting	Proxmox / HCI	Streaming / OTT / IPTV	CCTV / access control
Nginx / WireGuard	SQL Server / MySQL	Tendering / budgeting	GPT / Claude / Grok
Node.js / Java / PHP	Device-API automation	English: basic	

Experience

Laservall China Co., Ltd. (镭射沃激光科技)

Oct 2025 – Present

Network Engineer

- Built an SD-WAN backbone centered on Shenzhen HQ covering Vietnam, Hong Kong, Korea and Suzhou: hybrid private-line / Internet access, path selection, policy routing and unified operations.
- Built Active Directory from scratch — AD DS, corporate DNS egress, AD CS, NPS RADIUS, password self-service, Configuration Manager — and synced it to Entra ID; corporate Wi-Fi admits only directory accounts via NPS / Entra ID / Portal, with SSO into Teams and Outlook.
- Network architecture and core upgrade: replaced the core switch with a Huawei CloudEngine S6730 (27 VLANs pre-built shut down, cut over VLAN by VLAN) and moved 24 APs into its built-in AC across a V200→V600 major version; tuned the radio plan (co-channel congestion, client pile-ups, 802.11r roaming); consolidated Fortinet, AhnLab and other firewalls across four sites; built Zabbix monitoring and reporting.
- Classified-workshop network compliance and process governance: plant / office segmentation, endpoint admission, guest isolation, monitoring and least-privilege access; plus a controlled-device issue / return ledger. No customer details disclosed.
- Migrated an entire firewall platform (Huawei USG to QiAnXin NGFW) via Python device-API scripts — 42 address objects, 77 services, 31 routes, 12 PBR, 19 DNAT, 4 SNAT, 44 policies and two SSL-VPN gateways — plus an audit script for post-migration reconciliation.
- Network design and procurement for overseas sites such as Vietnam: multi-vendor side-by-side comparison, bill of materials and quotation, vendor technical briefings (bilingual materials); evaluated Odoo ERP.
- Outsourced project through the company: GB/T 28181 video front-end gateway (DMZ relay host, two-stage RTP relay, offline deployment) and a follow-up MCU SIP relay.
- AI agents (GPT / Claude / Grok and others) for design documents, budgets and integrator briefings.
- Domain, filing, DNS and SSL lifecycle; company website security; CCTV and office / public-area network and guest policy.

GEM Co., Ltd. (格林美)

Nov 2024 – Jul 2025

IT Engineer (Deputy Manager)

- Operated Qi-Anxin firewalls, NGFW/proxy, H3C AC and Panabit SD-WAN for a China–Indonesia campus; three ISP uplinks; CCTV and staff Internet.
- Maintained Sulawesi plant CCTV over SD-WAN (SCM mine, IPIG park, etc.); Hikvision HCE overseas, Dahua domestically; Hikvision access/attendance synced to Kingdee.
- Safety platform with Hikvision face recognition; H3C HCI operations; ACL tuning; Starlink enterprise trial; on-site support for a group launch in Indonesia; campus digital signage.

Cambodia Digital Television Co., Ltd.

Jul 2023 – Oct 2024

IT Technical Manager

- Built and ran the OTT platform: a commercial IPTV management panel for channels, EPG, multi-bitrate transcoding, subscriptions and edge load balancing, with a self-developed Android client for branding, Khmer localisation and phone / set-top-box interaction. Also iteration, capacity expansion and Belt-and-Road DTMB platform maintenance.
- ICT solution sales support and project management; co-located news-ministry equipment room (UPS, transmitters, servers, satellite IRDs, transcoders, cooling).

Zhejiang Huayou Cobalt (Huayue Nickel-Cobalt) Jan 2023 – Jun 2023

IT Supervisor

- IT planning and standards for an overseas subsidiary; servers, databases, backup and virtualization; campus network for ~2,000 staff with load balancing; network / CCTV / wireless build-out and IT asset compliance.
- Internal NAS / mini-apps; CCTV, video wall, IPTV, barrier/access, Huawei meeting, Zoom and related systems.

Tibet Information Industry Co., Ltd. Jun 2018 – Oct 2021

ELV Systems Project Manager

- End-to-end IT projects: requirements, design, vendor selection, tenders, construction, trial ops, acceptance and handover.
- Key wins: smart-court facilities; provincial education cloud; a civil-affairs emergency command platform (command hall, 76-county video, warehousing, BeiDou); Cyberspace Administration hardening; tourism informatisation — related contracts above RMB 200 million.
- Self-taught and shipped afterwards: Alibaba / Tencent / AWS cloud, Cloudflare, Node.js / Express, PHP / Nginx / MySQL, PVE, OpenWrt, ZeroTier, Docker and K8s, ffmpeg / streaming / CDN — the foundation for later building and running production systems.

Aerospace Changfeng Xinjiang Branch Jun 2016 – May 2018

ELV Systems Project Manager

- Provincial e-government extranet and a dedicated secure network, border security gateway, one-way optical gate and ZWZ conferencing; MLPS Level-3 and classified-network assessment.
- Project manager for a regional video-sharing platform (~70% complete, 50% invoiced), coordinating four sub-platforms; equipment-room, shielded-room and MDF power/environment build-out, plus pre-design and tendering for a government office relocation.

Raisecom Co., Ltd. Jun 2012 – Jan 2016

Transmission / Data Engineer

- E-government networks: 127 central + 889 remote sites in Urumqi, 117 classified sites across six Altay counties (PTN self-organised), plus Changji / Kashgar / Kizilsu / Hotan commissioning.
  - Education Layer-4: 1,174 primary-school sites (mobile PTN). CCTV: 27 high + 34 low traffic points, 57 heating-plant, 48 campus.
  - Rings: 10GE PTN, SDH 2.5G and 10GE access, 10G self-organised. WLAN: 110 PoE switches + Ruijie APs into an AC, plus a bank and several universities.

China Unicom Changji Branch Jun 2011 – May 2012

Telecom Project Manager

- Network-construction projects from initiation through final acceptance.

Selected projects

- Enterprise infrastructure at Laservall (2025–) — greenfield AD / SCCM / Entra ID identity stack with Wi-Fi 802.1X and office SSO; cross-border SD-WAN across four sites; multi-vendor firewall consolidation and a full platform migration.
- Smart-court facilities for grassroots courts (2020–2021) — sole owner of tender coordination through site acceptance.
- Civil-affairs emergency command platform (2019–2021) — command hall, 76-county video, warehouse and software; accepted Dec 2019.
- Overseas campus dormitory management platform (2026) — Indonesian industrial park, 8 buildings / ~3,000 beds / 10,000+ residents; five-level space model, 17-rule allocation engine, trilingual; in production.
- Personal systems — live-streaming / e-learning platform (Rust: RTMP ingest, HLS and FLV delivery, room authorisation, replay, chat), realtime multiplayer game server, Jeepay ABA Pay channel, cloud self-service provisioning. See dr.cctv15.net.

Education / training / language

Changji Vocational and Technical College · Computer Application Technology (Associate) · 2009.09 – 2012.06 · Training: MPLS

English: basic; able to read equipment manuals and vendor documentation. Chinese: native.