

# NetCloud Service Plan Features

NetCloud Feature	NetCloud Branch FIPS 140-3
Endpoint	E3000-FIPS
<b>WAN</b>	
Carrier Selection Intelligence	✓
Connection Manager	
Load Balancing	✓
Smart WAN Selection	✓
Advanced APN	✓
WAN Verify	✓
Failover/Failback	✓
3rd Party Satellite Integration	✓
WAN Connections	
5G	✓
LTE	✓
CBRS	✓
WiFi-as-WAN	✓
Wireless Client	✗
Wired Ethernet	✓
eSIM	
Plastic eSIM	✗
On-Board eSIM	✗
Dual-SIM Dual-Standby (DSDS)	✗
<b>SD-WAN</b>	<b>Title</b>
Single-Sided Architecture (Edge only)	
Static Traffic Steering (Device or Group)	✓
Dual-Ended Architecture (requires NCX Service Gateway or NetCloud SASE)	<a href="#">Zero-Trust Security &amp; SD-WAN</a>
<b>Enterprise Routing</b>	<b>Title</b>
Static Routes	✓
Policy Routes	✓
OSPF	✓
BGP	✓
BFD	✓
RIP	✓
PIM	✓
Open EIGRP	✓
NHRP	✓
NEMO / DMNR	✓
IP Verify	✓

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<b>LAN</b>	<b>Title</b>
IPv4 & IPv6	✓
Quality of Service (QoS)	✓
Application Aware QoS	✓
DHCP Server / Relay	✓
VRRP	✓
MAC Filtering and Logging	✓
IP Passthrough Mode	✓
Wired 802.1x	✓
STP	✓
LLDP	✓
VLANS	✓
<b>Wi-Fi</b>	
Multiple SSIDs	✓
Wireless Security Modes	
Open	✓
WPA / WPA2 Personal	✓
WPA / WPA2 Enterprise (802.1x)	✓
WPA / WPA2/WPA3 Personal and Enterprise (802.1x)	✓
Smart Channel Selection	✓
DFS Channels Support	✓
HotSpot Services (Captive Portal)	✓
<b>Edge Security</b>	
Zone Firewall	✓
Application Aware Zone Firewall	✓
Basic URL Web Filtering (Permitted/Blocked list)	✓
Available DNS Layer Filtering with Cisco Umbrella	✓
Secure Threat Management (IPS/IDS)	✓
Actionable Alert on Threat Detection	✓
Secure Web Filter	✓
Web Classification and Categorization	✓
Web Reputation	✓

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<b>VPN &amp; Tunneling</b>	
Traditional Edge VPN Protocols & Orchestration	
IPSec	✓
GRE	✓
OpenVPN (SSL VPN )	✓
L2TP	✓
PMIP	✓
DMVPN	✓
Auto-Tunnels	✓
VXLAN	✓
Serial IP/MODBUS	✗
<b>Zero Trust Network</b>	
Site-to-site Based Access Policies (Secure Connect)	<a href="#">Zero-Trust Security &amp; SD-WAN</a>
Secure Remote Access (ZTNA)	<a href="#">Zero-Trust Security &amp; SD-WAN</a>
Hybrid Mesh Firewall (HMF)	<a href="#">Zero-Trust Security &amp; SD-WAN</a>
Advanced Web Services	<a href="#">Zero-Trust Security &amp; SD-WAN</a>
<b>Troubleshooting &amp; Diagnostics</b>	
Out-of-Band Management for access to non-Ericsson Cradlepoint devices with console port	✓
In-band management for access to LAN connected 3rd party device UIs	✓
In-band management for clientless access to LAN connected PC/MAC devices (RDP/VNC)	✓
Real-time Device Status via Remote Connect Local UI (router)	✓
Real-time Network Interface Status via Remote Connect Local UI (router)	✓
Current Device Status via NetCloud Device Dashboard	✓
Current Network Interface Status via NetCloud Device Dashboard	✓
Ping	✓
Traceroute	✓
Global Speed Test per WAN Interface	✓
Rogue AP Detection	✓
Wi-Fi Site Survey	✓
GPIO (General Purpose Input/Outputs)	✗
Ignition Sensing with Delayed Power Off	✗
OBD-II Support	✗
<b>Dashboard Analytics</b>	
Account Dashboard	✓

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Group Dashboard	✓
Device Dashboard	✓
Detailed Interface (Network, Ports, and Wi-Fi) view with Live Stats	✓
Detailed Interface (GPIO) view with Live Stats	✗
GeoView Dashboard (Account, Group, Device)	✓
Near Real-Time Last Known Map Location Based on GNSS/GPS	✓
Add Last Known Map Location Manually	✓
Approximate Last Known Map Location Based on Serving Cell Tower	✓
Location of Serving Cell Tower	✓
GeoFence Alerting	✓
5G/LTE Cellular Coverage Map with filter	✓
Location Tracking	✓
Cellular Data Usage Dashboard (Account)	✓
Pooled Carrier Data Usage Analytics, Forecasting, and Alerting	✓
Data Usage Dashboard (Account, Group, Device)	
Usage by WAN and Modem	✓
Clients - Connected and Top Users (Account, Group, Device)	✓
Traffic - Categories and Applications (Account, Group, Device)	✓
Health Dashboard (Account, Group, Device)	✓
WAN Uptime (uncategorized)	✓
WAN Uptime (categorized by WAN service type)	✓
Devices Lifecycle (shows where software update is required)	✓
Cellular Health Summary (Account, Device)	✓
Cellular Health Events (Device)	✓
Cellular Health with Live Stats (Device)	✓
Application and Interface WAN Quality of Experience (QoE)	✓
Traffic Steering for Events & Flows	✓
Failover Events Summary	✓
Active Failover Events	✓
License Dashboard (Device)	✓

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Subscription Dashboard (Account)	✓
Licensed Devices (allows Change License capability and shows active Essentials Plans)	✓
Non-Compliant Devices	✓
Unlicensed Devices	✓
Subscriptions (includes total budgetary renewal cost for proactive budgeting)	✓
Product Last Date of Support	✓
Capacity Dashboard (with alerts)	✓
VPN Monitor	✓
Security Dashboard (Account, Device)	✓
Secure Web Filter Summary and Events	✓
Secure Threat Management (IDS/IPS) Events	✓
Default Password usage insights	✓
<b>Insights</b>	
Account Insights: Failover Report (Account, Group)	✓
Account Insights: NetCloud Summary Report (Account, Group)	✓
Network Insights: Data Usage Report	✓
Health Insights: Signal Strength Report	✓
Download Dashboard as CSV or PDF (dashboard dependent)	✓
Save, Schedule, and Share (Email) Custom Reports	✓
<b>Extensibility &amp; Integrations</b>	
NetCloud Container Orchestrator	✓
NetCloud-delivered integrations	
Microsoft Azure IoT Central	✓
Palo Alto Networks Prisma Access	✓
CloudShark	✓
Forward Thinking <sup>4</sup>	✓
Custom business applications running at the edge with NetCloud SDK	✓
NetCloud API	✓
Real-Time Kinematic (RTK)	✗
GPS send-to-server	
1 default sentence	✗
5 configurable sentences	✗

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<b>Secure Cloud Management &amp; Orchestration</b>	
Individual Device Configuration	
View / Edit Device Configuration	✓
Clear Device Configuration	✓
Remote Reboot	✓
Restore to Factory Defaults	✓
Export Device List	✓
Group Device Configuration	
View / Edit Group Configuration	✓
Export Group Device List	✓
Group NetCloud OS Updates	✓
Copy Configuration to Group	✓
WAN Network Interface Configuration	
View/Edit Network Interface Configuration	✓
Export Network Interface List	✓
Modem Configuration	
Modem Firmware Visibility & Management	✓
Modem Firmware Updates (one to multiple)	✓
Auto & Manual Modem Carrier Switching	✓
Scheduler	
NetCloud OS Updates	✓
LAN OS	✗
<b>Alerts &amp; Logs</b>	
Alert Management	✓
Alerts via Webhook	✓
Enhanced Logging (user, activity, debug, device, alert)	✓
<b>Accounts &amp; Users</b>	
Manage Users	✓
Manage Permissions	✓
Custom Roles	✓
Identity Federation with SAML 2.0	✓
Access Alias Mapping	✓
Marketplace for in-app purchases	✓
Customer/Partner community access, depending on user type	✓
<b>Artificial Intelligence</b>	
ANA Tech Docs	✓

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ANA Virtual Assistant	✓
Dynamic Graphs	✓
AI Insights	✓
Device Events / Faults	✓
Performance Insights	✓
<b>Mobile Apps</b>	
NetCloud Verify (installation)	✓
NetCloud Mobile (management)	✓
NetCloud Verify Web App (installation)	✓
Footnotes: <sup>2</sup> Approval & MOQ required for purchase <sup>3</sup> 5GC only <sup>4</sup> Only available in US <sup>5</sup> Only available in EMEA for X10, NetCloud Connect required	