

Code Blue Cellular Upgrade Guide

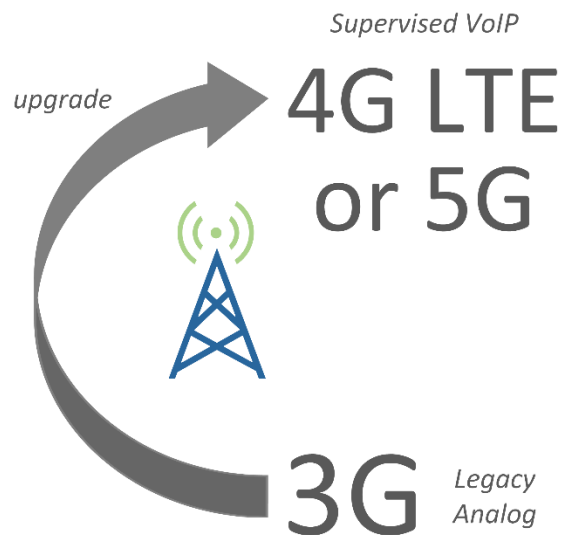
Did you know that cellular carriers have already deactivated most 3G networks? When the sunset process is complete, any existing 3G cellular interfaces will almost certainly become unsupported devices and no longer operational. For further information, check out our [Cellular IP: More Connected Than Ever](#) video on YouTube.

Why Upgrade?

Fortunately, Code Blue is always looking out for our end-users and partners to ensure the best possible solution is deployed. That is one reason why advanced methods of cellular communication are now available.

Historically, Code Blue has offered third party solutions that provided an analog line (using a cellular converter) for customers who require cellular connectivity. Due to technology changes, discontinued products, and everchanging cellular infrastructure, Code Blue strongly advises you to consider a long-term cellular connection option with our **4G LTE or 5G Cellular IP** solution.

Since this advanced, supervised solution includes VoIP phones that cannot utilize analog dial tone, Code Blue also is offering hosted, managed extensions using our **Nebula** Cloud Platform. There are many benefits associated with our cloud-based Nebula services including SIP registration, call routing, e911, reporting, and diagnostics. In fact, there are multiple cellular and cloud performance metrics we can test and monitor, while generating and delivering reports to ensure optimal operation and peace of mind.

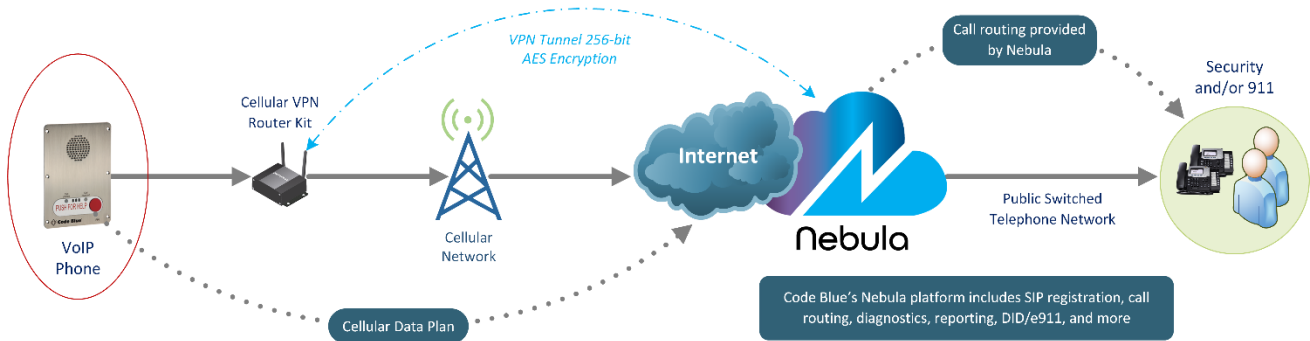





Benefits of Cellular IP

- ✓ SIP registration
- ✓ Multi-destination call routing including "call forward-no-answer" and 911 calls
- ✓ e911/DID
- ✓ DTMF tone functionality
- ✓ Remote programming capability
- ✓ Connection monitoring
- ✓ Diagnostics and reporting
- ✓ Pre-configured network devices
- ✓ Many more...

Product Selection

Step 1: Choose your VoIP phone



Part #	Description
 <p>Varies by model</p>	VoIP Speakerphone, single button PUSH FOR HELP Bezel
 <p>Varies by model</p>	VoIP Speakerphone, double button PUSH FOR HELP/INFO Bezels
 <p>Varies by model</p>	VoIP Speakerphone, double button + keypad PUSH FOR HELP/CALL Bezels



Varies by
model

VoIP Speakerphone, single button
EMERGENCY Bezel



Varies by
model

VoIP Speakerphone, double button
EMERGENCY/INFO Bezels

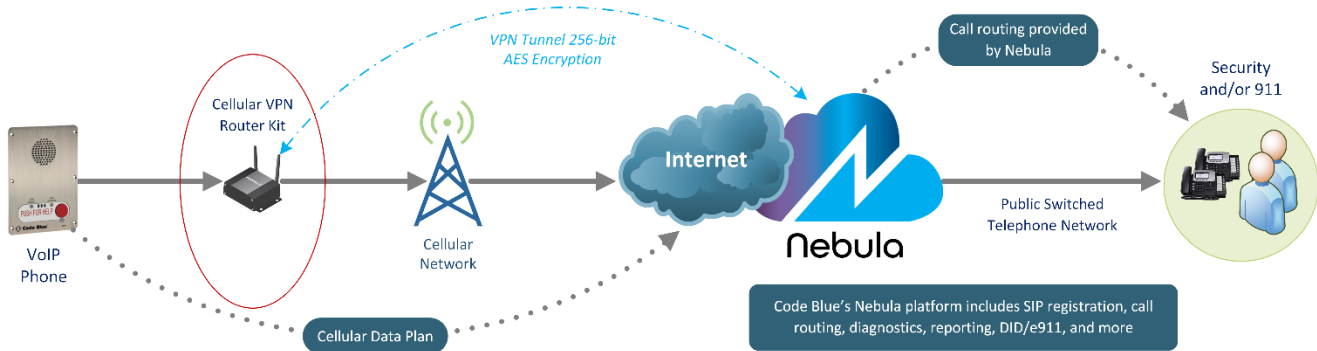


Varies by
model

VoIP Speakerphone, double button + keypad
EMERGENCY/CALL Bezels

Additional IP model numbers are available which include a fixed IP color camera, handset, custom bezels, and more. Contact us for further information.

Step 2: Choose your Cellular IP VPN Router kit



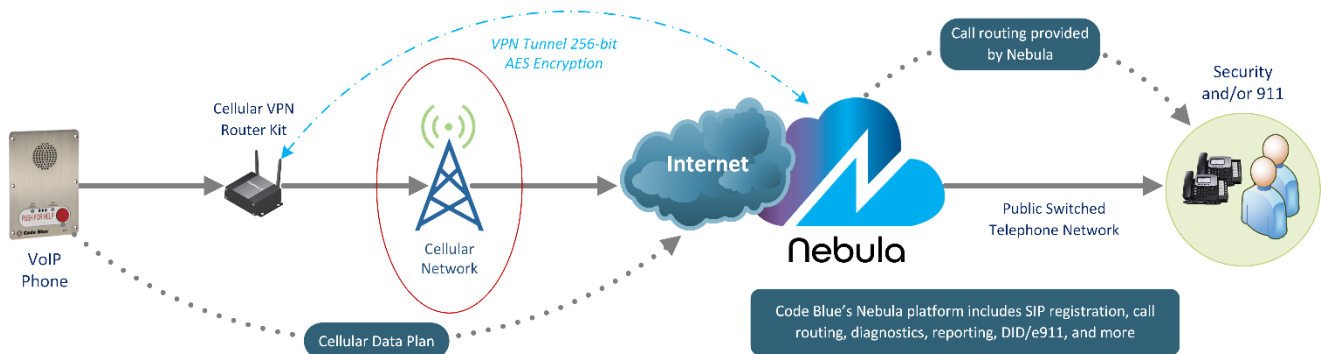
Part #	Description *
SLNH0004	4G/LTE Kit with VPN Router, CB1e/s Series
SLNH0091	5G Kit with VPN Router, CB1e/s Series
SLNH0007	4G/LTE Kit with VPN Router, CB1w Series
SLNH0103	5G Kit with VPN Router, CB1w Series
SLNH0080	4G/LTE Kit with VPN Router, CB4u Series
SLNH0102	5G Kit with VPN Router, CB4u Series

Kits are available for all Code Blue help points.

*4G LTE kits are most common. While growing in popularity, 5G networks are not widely available in all service areas and the hardware is more costly than 4G LTE. Furthermore, Code Blue devices do not need the mass volume of data throughput that 5G provides, making 4G LTE and its high-level availability the best solution. If 5G is desired, Code Blue offers the hardware components and cellular data plans.

Step 3: Choose your Cellular IP data plan

- ✓ Option A: End-user will provide SIM cards and data plans (proceed to step 4)
- ✓ Option B: Code Blue will provide SIM cards and data plans (choose option below)



Part #	SIM Card (one SIM card per router required)
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SLNH0040

SIM Card (one-time fee)



Part #	Cellular Data Plans (choose one plan for each SIM card) **
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SLNH0040-AR

1GB Data Plan
12 Month Term Renewal option

SLNH0040-24R

1GB Data Plan
24 Month Term Renewal option

SLNH0040-36R

1GB Data Plan
36 Month Term Renewal option

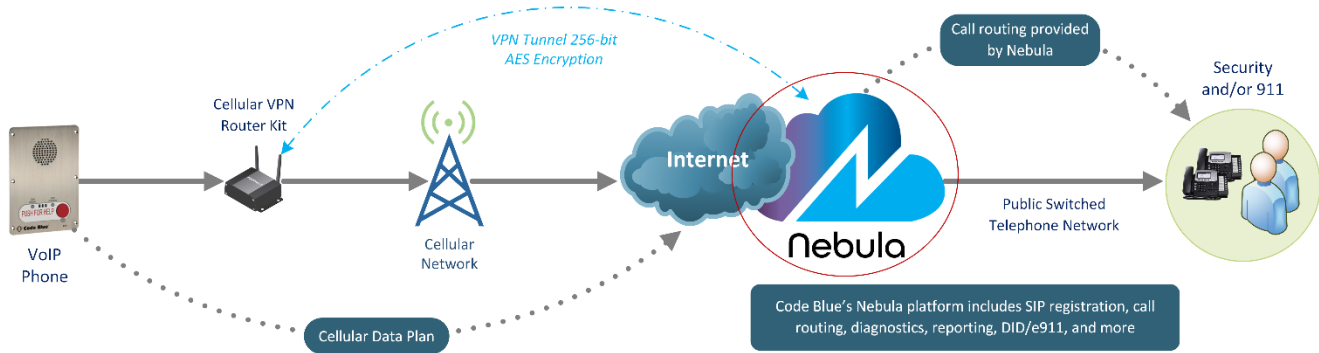
SLNH0040-60AR

1GB Data Plan
60 Month Term Renewal option



** 1GB per month data plans are more than sufficient for each Code Blue VoIP phone. Larger data plans available for shared routers, video applications, etc.

Step 4: Choose your Nebula (Cloud) service term



Part #	Activation Fee (one per extension)
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SLNH0028	Managed Cloud Activation (one-time fee)
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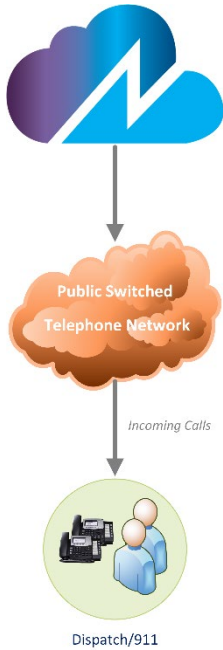
Part #	Cloud Accounts (choose one per extension) ***
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SLNH0033	Managed VoIP Nebula Cloud Services 12 Month Term Renewal option
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SLNH0069	Managed VoIP Nebula Cloud Services 24 Month Term Renewal option
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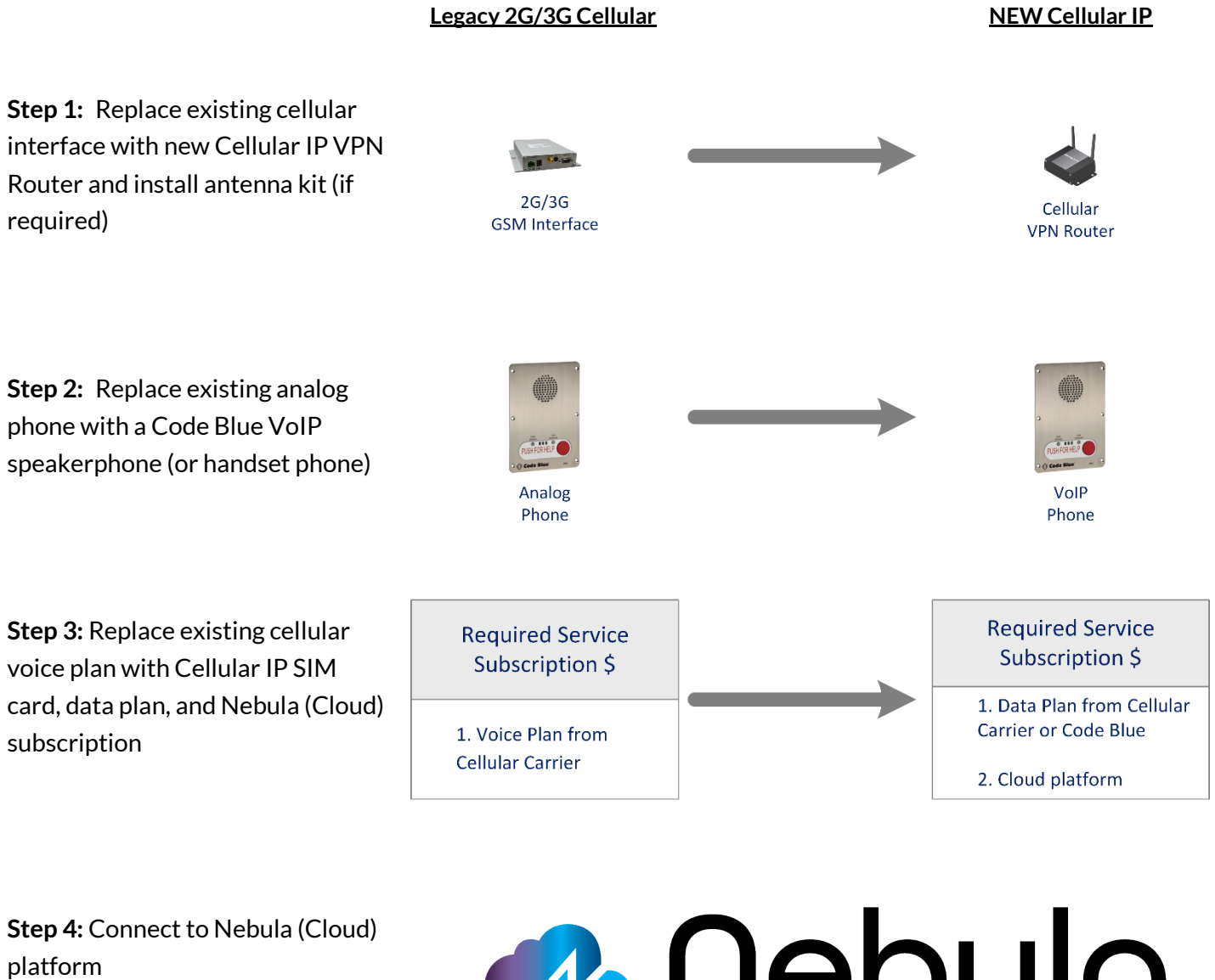
SLNH0060	Managed VoIP Nebula Cloud Services 36 Month Term Renewal option
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SLNH0030	Managed VoIP Nebula Cloud Services 60 Month Term Renewal option
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*** Includes (SIP registration, call routing, diagnostics, reporting, etc.)

Steps required to convert legacy analog to Cellular IP...



5 Reasons Why IP-Based Cellular Communications are Superior to Analog

1

Diagnostics & Reporting

Code Blue's cloud-based network management platform can proactively monitor configurations, connection status, and system performance, while providing useful reporting functionality.

2

Automatic Failover & Connectivity

Our ruggedized cellular router kit is compatible with a combination of connection methods to provide automatic failover functionality. Also, whether you are using cellular as a primary or failover connection method, there is no need to install network infrastructure such as copper, fiber, wireless hardware, etc.

3

Configuration Assistance

When pairing cellular IP with Code Blue's Managed Services, we provide system configuration, ongoing support, and proactive monitoring for your emergency speakerphones and cellular interfaces.

4

Network Security

All connections made to Code Blue's Nebula Cloud utilize secure VPN tunnels with 256-bit AES encryption with enhanced security policies. VPN load balancing and failover among selected WAN connections is also a standard feature.

5

Supports Video & Add-on Features

Cellular IP will not only support voice communications, but it will also permit video streaming. Other supported features include Public Address System (PAS), Automated External Defibrillator (AED) temperature-controlled housings, and other IP-based hardware/software applications.

To request a quotation to upgrade your existing 3G, wired, or wireless units, please complete our online form <https://codeblue.com/quote/>.

If you have any questions, please contact Code Blue at insidesales@codeblue.com or (800) 205-7186.