

**Private Cellular
Networks for U.S.
Middleprises: *IT
Exec Survey Data
Results***

Market Study
First Quarter 2021





Private Networks for Middleprises: *IT Exec Survey* *Data Results*

Market Study

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Table of Contents

Abstract	1
Executive Summary	3
Need for Education	3
Challenges to be Addressed	3
Figure A: Challenges of Middleprise Networks	4
Reasons that a Private Cellular Network has not Been deployed	5
Figure B: Reasons that a Private Cellular Network is not Deployed	6
What this Means	6
Methodology	7
Private Cellular Networks	8
What’s different now?	9
What is Needed for Private Cellular Networks	10
Drivers of Private Cellular Networks	10
Business Models	11
Benefits of Private Cellular Networks	11
Figure 1: Why go private?	12
Cons of Private Cellular Networks	12
Use Cases for Private Cellular Networks	13
Figure 2: Opportunities for Private Cellular Networks	14
Middleprise Networks – a Range of Coverage and Protocols	15
Table 1: Geographic Scope of Middleprise Networks	15
Figure 3: Geographic Scope of Middleprise Networks	15
Table 2: Number of Buildings Covered by Middleprise Networks	16
Figure 4: Number of Buildings Covered by Middleprise Networks	16
Table 3: Network Protocols in Use	17
Figure 5: Network Protocols in Use	18
Table 4: Deployment Locations of Network Protocols	18
Figure 6: Deployment Locations of Network Protocols	19
Table 5: Consolidate onto a Single Network	20
Figure 7: Consolidate onto a Single Network	21
Table 6: Key Concern with Multiple Network Protocols	22
Figure 8: Key Concern with Multiple Network Protocols	22
Challenges of Middleprise Networks	23
Security	23
New applications and devices	23
New technology	23



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Access	23
Management of multiple networks.....	23
Performance.....	24
Coverage.....	24
Table 7: Challenges of Middleprise Networks.....	24
Figure 9: Challenges of Middleprise Networks.....	25
Private Cellular Network Deployments in Middleprises	26
Table 8: Current Deployment of Private Cellular Network.....	26
Figure 10: Current Deployment of Private Cellular Network	27
Perceived Current Private Cellular Network Deployments	27
Table 9: Type of Private Cellular Network Deployed.....	27
Figure 11: Type of Private Cellular Network Deployed	28
Table 10: Applications Supported by Private Cellular Network	28
Figure 12: Applications Supported by Private Cellular Network	29
Table 11: Satisfaction with Deployed Private Cellular Network.....	30
Figure 13: Satisfaction with Deployed Private Cellular Network.....	30
Alternatives to Private Cellular Network Deployments	30
Table 12: Reasons that a Private Cellular Network is not Deployed	31
Figure 14: Reasons that a Private Cellular Network is not Deployed	32
Table 13: Alternatives to a Private Cellular Network	33
Figure 15: Alternatives to a Private Cellular Network	33
Middleprise Survey Respondents	34
Table 14: Number of Employees in Surveyed Middleprises.....	34
Figure 16: Number of Employees in Surveyed Middleprises.....	34
Table 15: Annual Revenues of Surveyed Middleprises	35
Figure 17: Annual Revenues of Surveyed Middleprises	36
Table 16: Middleprise Industries.....	36
Figure 18: Middleprise Industries.....	38
Table 17: Job Titles of Surveyed Middleprise IT Executives	39
Figure 19: Job Titles of Surveyed Middleprise IT Executives	39
Definitions	40
Definitions Table	40
About iGR.....	62
Disclaimer	62



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Abstract

Private cellular networks are a new opportunity to provide a secure network, owned and controlled by an enterprise, which can support a wide range of use cases made possible by LTE and eventually 5G.

This market study shows the results of *iGR's* survey of U.S. middleprise IT executives fielded in December 2020 across multiple vertical industries. The report provides an overview of the opportunity for private cellular networks in U.S. middleprises, which *iGR* defines as companies with between 500 and 2,000 employees. The study focuses on the challenges faced by middleprises, middleprise IT executives' understanding of private cellular networks, and the perceived reasons to deploy a private cellular network (or not).

Key questions addressed in this study:

- What is a private cellular network and what are its use cases, benefits and disadvantages for enterprises?
- For the middleprises represented in *iGR's* survey, what are the defining characteristics of their networks, in terms of geographic scope and number of buildings?
- What network protocols are used in the middleprise networks represented in *iGR's* survey?
- What are the major challenges faced by middleprise IT executives with respect to their corporate network?
- What is the awareness and understanding of private cellular networks among middleprise IT executives?
- Why have middleprises not deployed private cellular networks and what are they using instead?
- Are middleprises planning to deploy private cellular networks?

This market study is recommended for:

- Enterprise private network vendors and solution providers
- Systems integrators focused on the middleprise market



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- Mobile operators
- Private cellular network solution providers
- Wired and wireless infrastructure vendors
- Financial and investment analysts.



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