

Amdocs 5G Site Development



5G network rollout projects are complex undertakings fraught with challenge. First and foremost, you need to source vendors with the expertise to identify viable locations for installing wireless technology and 5G network equipment. Then, you need to identify competent and experienced site development companies who can navigate lease negotiations with difficult property owners and obtain jurisdictional approvals for the proposed build plan.

Amdocs 5G Site Development service manages this entire process. Beginning with the initial drive to obtain viable candidates within the RF search ring, all the way to architectural and engineering (A&E) design, as well as the leasing and permit process, our RF engineering and site acquisition experts ensure a feasible location and design for your 5G network. Our team also supplies RF letters to owners as required, demonstrating that all wireless telecommunications equipment is within the safety parameters established by federal, regulatory and local authorities.

Process

Operational go to market... best practice

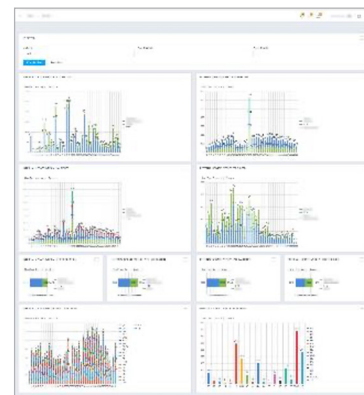
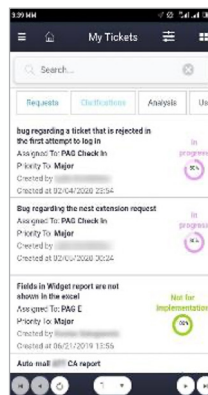
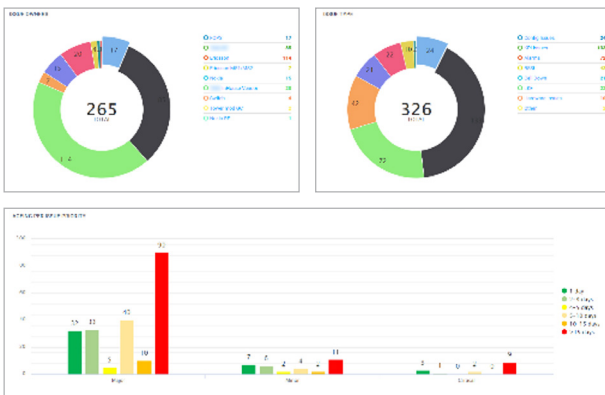
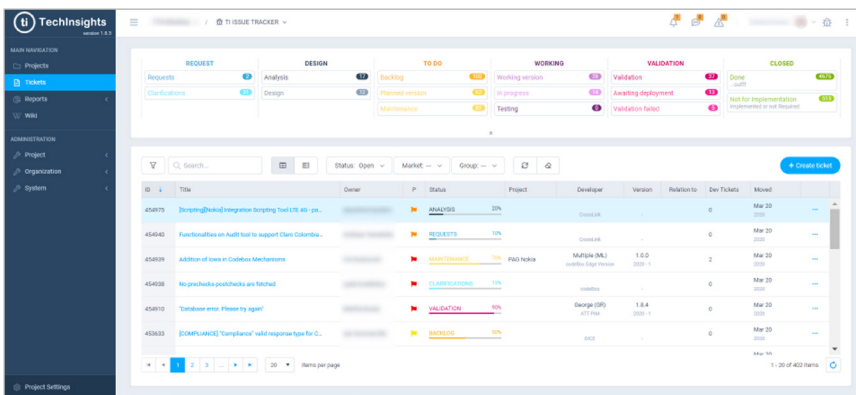
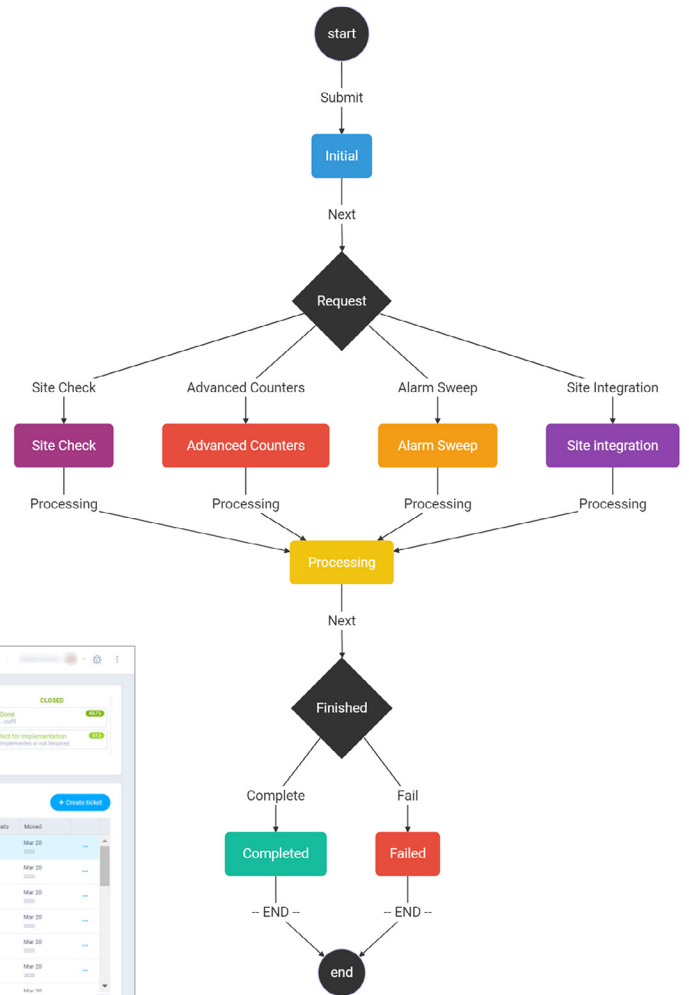


- 1 We submit at least three candidates to the client RF engineer for review and approval of the primary candidate/location for new sites. We then review the lease for rights and equipment against the radio frequency data sheet (RFDS) on modification sites
- 2 We contact the property owner to schedule architecture and engineering (A&E) site walks to gather information that is pertinent to completing an initial site sketch, survey, construction drawings and structural analysis – as needed for the jurisdictional approval as part of the permitting process. Next, we submit the design to the owner/landlord, negotiate lease terms, and upon approval, route it for approval and signature by both owner/landlord and client
- 3 We route all leasing documents for landlord and client approval and signature, while ensuring all jurisdictional approvals are obtained for equipment placement and installation
- 4 Once an executed lease/amendment and approved permit package are completed, we hand off the approved permit package to the client construction team to enable them to proceed with building the site

To manage the workflow implementation process, we utilize the Amdocs Network Workflow Management tool, which provides an overview of the overall project as well as each individual task, including:

- Tracking/auditing of all milestones with complete transparency
- Advanced reporting of SAC/A&E tasks
- Instant sharing of information and notifications
- Collaboration with multiple groups
- Real-time storage of site-specific data
- Task assignment and SLA compliance tracking

Furthermore, leveraging our access to the customer's database, we submit purchase order requests for services, forecast deliverables, upload documents to complete individual tasks, collaborate and route documentation, as well as provide updates on the progress of the project via notifications and comments for each site.



Benefits

Key benefits of Amdocs 5G Site Development services:

- 20+ years' experience working with Tier-1 wireless companies completing project management, lease negotiations, managing A&E services and working with jurisdictions to establish relationships to streamline approvals for customer plans
- Amdocs Network Workflow Management – our internal database – which includes capabilities for real-time updates, reporting and client collaboration, enabling complete transparency
- Our internal RF team and project coordination back-office team, who assist with project deliverables to ensure data integrity and project success
- Our services enable much faster time to market due to our understanding of database tools, our skilled RF engineering and QA teams, seasoned site acquisition (SAC) team, dedicated jurisdiction research team and automation of field visits

Speed to market!

Understanding of database tools

- Holistic understanding of CSP tools, processes, and databases, enabling us to track the site development process all the way from RF design to site go-live

RF Engineering and QA team

- Thorough quality control on existing and proposed CDs with in-house RF Engineers
- Clear understanding of all RF components together with RFDS and regulatory requirements



Seasoned site acquisition (SAC) team

- Familiarity with all SAC processes and market-specific zoning requirements

Field visit automation

- Customized tablets with embedded site visit tools
- Site visits completed and uploaded while onsite
- 360° Cameras for VR tour and backup

Dedicated jurisdiction research team

- Expedites permits through the approval process
- Organized documentation library on permit requirements and process
- Leverages existing market presence and relationships
- Smart AI tracking system alerts team when permits are idle – internally or externally

Why Amdocs

Amdocs is a success-driven company that maintains customer needs and integrity as a top priority. We have a proven track record supporting projects throughout all phases of network rollout and acceptance – including but not limited to RAN, transport and core design, provisioning and troubleshooting services, pre-/post-launch optimization, provisioning, triage and so on – for multi-vendor, multi-technology heterogeneous networks.

Our teams' overall understanding of the processes, RF design, construction and leasing requirements, as well as jurisdictional restrictions, enables us to identify feasible sites the first time.

As a preferred vendor for Tier-1 and Tier-2 service providers across the globe, our vast complex configurations, integration experience and holistic approach to network management ensures you can deliver faster, within budget and with the highest levels of quality.

Partner with us to benefit from our proven tools, processes and time-tested methods, as well as customized services for all major network equipment providers and technologies, so you can be confident in your ability to meet your customers' network goals with amazing results.

For more information, visit [Amdocs Network Planning](#).