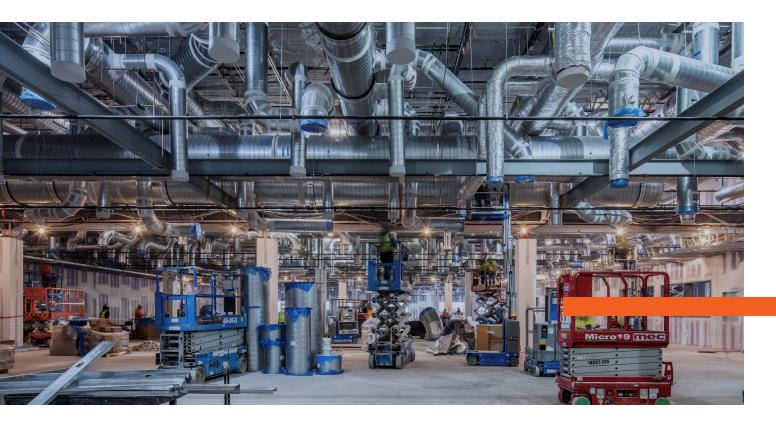
Commissioning & Operational Readiness



Our Expertise | Delivered YOUR Way

Navigate compliance and achieve operational readiness with a strategic commissioning partner



Gain Maximum Efficiency & Reliability for Life Sciences Capital Projects

35 North is known for providing best-in-class commissioning and operational readiness services for highly regulated facilities. We help project teams ensure engineering requirements are satisfied and preventive maintenance and calibration programs are developed and uploaded into CMMS or CCMS systems with technical ease.

Our firm also stands out due to our significant life sciences experience, history of developing new solutions to solve longterm problems, and our ability to understand the nuances of unique projects.







ZERO-WASTE BUDGET & TIME

FLEXIBILITY

AT ITS FINEST

SERVICE YOUR WAY

Ultimate Speed to Market

To minimize the risk of not having the right teams available for your project, owners often pay more to have experts stand by for service. That is not necessary when partnering with 35 North

Much more than staff augmentation, we provide as needed services ensuring team availability exactly when you need it, and only when you need itmaximizing cost efficiencies with no wasted time or budget.

Cross-Trained & Deeply Experienced

If commissioning work is stalled, we simply shift focus and **never sit idle on** projects.

For example, if a portion of equipment installations are delayed, our teams begin operational readiness actions like uploading existing system information into your CMMS software, accurately linking verified information, and creating customized alerts specific to your maintenance plans.

Client Customization

35 North's reputation for service and cost transparency stand out to clients as a game-changer. Clients are in control of customization.

Rather than providing a total sum of resources and hours for a specific length of time, we approach each project with a detailed summary of project hours, scope, and cost.

We start with a recommended "menu of options" by system and work with owners to customize plans to meet their preferences on level of service, budget, and time horizon. You can reduce (or remove) the level of testing on non-critical equipment to reallocate budget and go deeper on testing for critical systems to fit your budget.

35N.com | info@35N.com | (919) 747-4544



COMMISSIONING

- Develop User Requirements Specifications (URS)
- Perform design reviews
- Create commissioning master plans
- Review master equipment lists & perform critical assessments
- Conduct submittal reviews & design verifications
- Develop commissioning test protocols
- Perform installation verifications & qualifications
- Perform operation verifications & qualifications
- Perform temperature mapping
- Create/resolve discrepancy logs



OPERATIONAL READINESS

- Develop predictive/preventive maintenance, calibration, & spare parts & inventory plans; upload into CMMS
- Activate assets in the CMMS system to ensure it is maintained as required or recommended for your specific use frequency
- Remove all manual efforts by verifying automation of CMMS functionality is working as intended





I'm grateful for 35 North. I would absolutely use their team again — they're my first choice. Their **preparation and execution are excellent**.

—Sr. Principal Engineer, global pharmaceutical company

Thank you

35 North

4601 Creekstone Drive, Suite 130 Durham, NC 27703 (919) 747-4544

CONTACT INFORMATION

Pablo Hernandez (919) 329-6114

phernandez@35n.com



Chad Merewether, P.E.

(919) 333-2890 cmerewether@35n.com







