

Project Controls

Service Definition Document



Our Story

EDGE-PC is a progressive, dynamic and independent consultancy offering tailored Project Controls solutions. With a wealth of diverse experience in hand and a clear vision in mind, EDGE-PC intends to change the way project controls is provided.

The aim of project controls is to provide clarity and guidance to projects of all sizes and has been built to provide this and much more.

Our community of project controls professionals are driven to find solutions to complex problems and establish tools and techniques using cutting edge technology, fit for our modern world.

Decades of practical and varied controls knowledge form our foundation. We love nothing more than a challenge and truly believe that simple and integrated project controls shouldn't be a dream but a realistic expectation.

Our Difference



We are a consultancy of project controls specialists with a culture focused on our people. Collaboration is key to the way we work. Building strong commercial relationships, we help clients overcome their most complex challenges.

Good Project Controls should be accessible to projects and companies of all sizes, but assembling a controls team can be a daunting and costly prospect. The right support doesn't always come in the form of a full-time standing army. We promote an industry more agile in the way we all supply and demand our services.

We work with both small companies and megaprojects to design the appropriate solution. Our clients' goals become our own and we can offer a range of tried and tested templates, tools and how-to guides tailored to any project.

Our experience in working on large programmes has taught us what good project controls should look like, while our time spent working with smaller companies has taught us to prioritise our efforts to best suit their needs. We have transformed the controls capability for our clients, enabling them to focus on their strengths and successfully deliver their projects.

We are lucky to have a great team of specialists with varying levels of experience and skill sets. We put a lot of effort into handpicking energetic and dedicated people to support your projects. Project Controls is all we do.



Integrated Project Controls

Our Solutions

- Design and implementation of bespoke IPC functions
- Development of aligned work, cost and organisation breakdown structures
- Setup of bespoke reporting using existing templates where appropriate
- Governance: Strategies, plans, procedures & processes
- Project controls auditing through Independent Technical Advice

Our Skills

- Multi-disciplined community of aligned project controls professionals
- Focus on structure and governance
- EVM implementation
- Primavera P6, Microsoft Project, Revit, Power BI, Excel, Navisworks
- Claims, Delay Analysis, Extension of Time

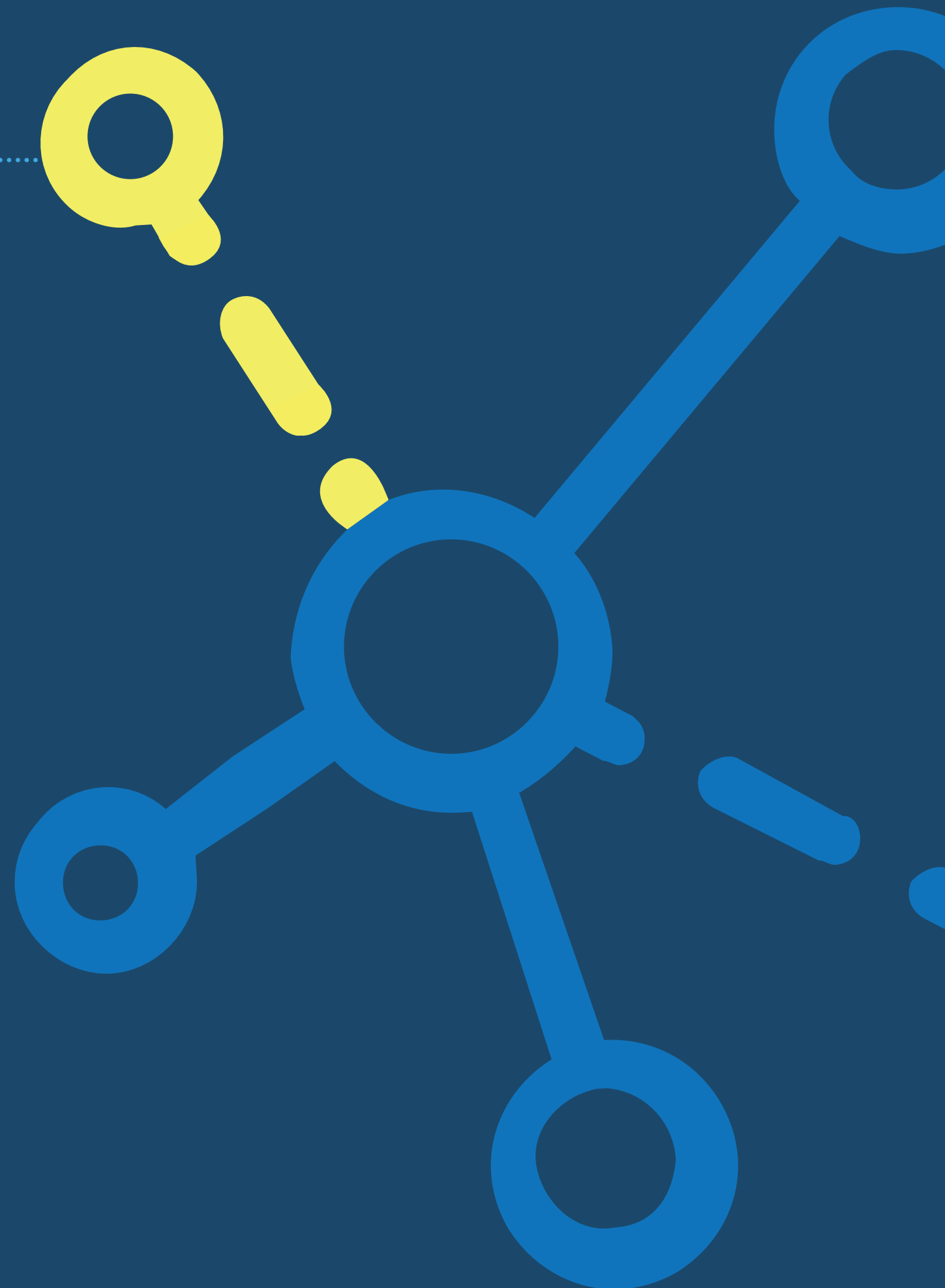
Our Difference

Alignment - Aligned project controls functions is essential to understanding a projects health. We align project breakdown structures and integrated data & analysis such as EVM

Data and Trend Analysis - Accurate Earned Value, cost and risk trending and integrated baseline management are made possible.

Reporting - Aligning controls functions in structure, scope and cycle, will result in alignment of the information they provide, making reporting a seamless byproduct of doing the day job. Reporting doesn't need to be an industry in itself.

Project Visibility - IPC provides teams with the necessary information to conduct applicable analysis, determine corrective actions and make the strategic decisions that steer a project in the right direction. Ultimate project success relies on this visibility.



Planning & Scheduling

Our Solutions

- Project planning support
- Schedule Estimating
- Construction Planning
- 3D Visualisation
- 4D Planning
- Contract compliant planning
- Schedule reporting, analytics & metrics
- QSRA analysis
- Effective Earned Value Management
- Interactive planning workshops
- Specialist planning training
- Tender / Bid support
- Interface management
- Schedule assurance & health checks

Our Skills

- Primavera P6/Microsoft Project, Advanced Excel
- Sketchup, Autodesk Revit, AutoCAD
- Navisworks,

Our Difference

Live document - Visible and endorsed by all to be used as a living document and management tool.

Contract Knowledge - Programmes are built with contractual compliance in mind, increasing your chances of project and commercial success.

Construction Planning - Our planners pride themselves on knowing the job. Subject matter experts with deep understanding of MEP or Civil Works add real value.

Planning Visualisations - we use both accessible and cutting edge technologies to make our schedules come to life. Simple 3D visualisations and more complex 4D animations allow people to engage with the schedule and make better decisions - 'a picture is worth a thousand words'.

Reporting

Our Solutions

- Strategy definition with focus on project outcomes
- Review of existing processes and systems
- Alignment of Reporting Breakdown Structure
- Access to reporting templates developed in-house
- Simplified visualisations
- Bespoke KPI metrics based on project outcomes
- Data Analytics to provide 'drill-down' reporting
- Aligned reporting cycle & governance

Our Skills

- Multi-disciplined project controllers
- Excel, PowerBI
- Data & Business Intelligence capability

Our Difference

Project outcomes – we focus on defining strategy through advance planning to avoid disorganised information with decision makers unable to assess progress against project outcomes.

Less is more – simple and focussed visualisations allow decision makers to see what they need to. No one wants 5 different weekly status reports for subtly different audiences that often say the same thing. Reporting can guide fit for purpose organisation structures.

Honest reporting – we champion reports that give a true picture of project health. Project controls must hold the single source of truth and challenge sometimes inaccurate representation of information, where appropriate.

Visibility & Clarity – the man hours invested in collecting and analysing data is only worthwhile if it is presented accurately and clearly. Which allows decision makes to ask the "So what?" question enabling them to move their projects forward.

Forensic Analysis

Our Solutions

- Project Completion Date Analysis
- Project Cost to Complete Analysis
- Schedule Risk Analysis
- Delay causation analysis
- Time Slice Windows Analysis
- Collapsed As-Built Analysis
- Earned Value Analysis

Our Skills

- Deep understanding of contract forms
- Use of simplified convincing visualisations
- Decades of planning experience
- Up to date on case law

Our Difference

Be convincing – we present our findings in a clear and convincing manner that is backed up by quantitative assessments of responsibility using 'tried and tested' analysis methodologies and techniques.

Know the contract – disputes often arise as a result of poor understanding of the conditions defined within the contract, or a lack of appreciation for poorly conceived and understood clause amendments. We know the contract.

Contract Review – review of contract documents at tender stage or post contract award to ensure they are fit for purpose, and that project teams have clarity on administering them. Our forensic delay analysis service helps to establish the sequence of events when disputes arise, and assists both parties in reaching a formal resolution. We also help to provide evidence for adjudications, should the need arise.

Extension of Time (EOT)

Our Solutions

- Construction Claim Identification
- Schedule Delay Analysis
- Construction EOT Claim preparation

Our Skills

- Create strategies for defending the organisation against and preventing penalties as a result of time delays in project completion
- Identification of the right and most effective methods of reporting project delays
- Recognising how to estimate project delays in days if there are more than one delay event happening concurrently

Our Difference

Provide Advice on Extension of Time (EOT) Claims, prepare Delay Claims and Counter Claims, prepare Expert Reports and act as Expert Witness.

We determine the method of analysis to present the claim, prepare the extension of time claim and the associated claims for prolongation costs, disruption claims and acceleration claims.

Our point of difference to other service providers is our in-depth level of knowledge and expertise in commercial and contract frameworks as well as in-depth level of expertise in forensic analysis and the knowledge of the dispute resolution procedure in construction.

Project Controls Training

CERTIFICATIONS

APPLIED INTEGRATED PROJECT PLANNING & CONTROLS

CERTIFIED PROFESSIONAL PLANNING ENGINEER

CERTIFICATE COURSES

ADVANCE DATA ANALYTICS IN PROJECT CONTROLS USING POWER BI

MASTERING CLAIMS, DELAYS & EOT IN PROJECTS

ADVANCED PROJECT PLANNING USING PRIMAVERA P6

PROJECT PLANNING USING PRIMAVERA P6

PROJECT PLANNING USING MICROSOFT PROJECT

SHORT COURSES/WORKSHOPS

DELAY ANALYSIS

CLAIMS

EXTENSION OF TIME

EARNED VALUE ANALYSIS

SCHEDULE RESOURCE LOADING

EDGE^{PC}



PROJECT CONTROLS

C O N S U L T I N G | T R A I N I N G

Ajman, UAE

Web: www.planningengineeredge.com

E-mail: contact@planningengineeredge.com

