

teci

**For more than a decade -
the industry's best kept secret**

**PROJECT PAINT™
THE FABRIC MANAGER**

**Risk Based
Cost Effective
Fabric Management**

External Corrosion Tamed



YTCPP

Why TCI Project Paint™?

Reducing painting & insulation costs is a concern of every Plant Engineer and Manager. Maintain your plant too early and you lose valuable life expectancy (15% of the original protection costs per year early), too late and the integrity loss could be a disaster in the making. Management using Project Paint™ will minimise these risks and reduce your plant lifetime maintenance by between 5 and 85%.

As the oldest independent company of our kind TCI has a long track record for fabric management and Project Paint™ is the only 'PROVEN' system for 'cost effective - external corrosion

management' available today. TCI Project Paint™ was first deployed in 1987 and is still the only system 'extensively used' both on and offshore. More than 270 assets have applied the TCI Project Paint™ concepts and our systems manage in excess of £240 million of budgets.

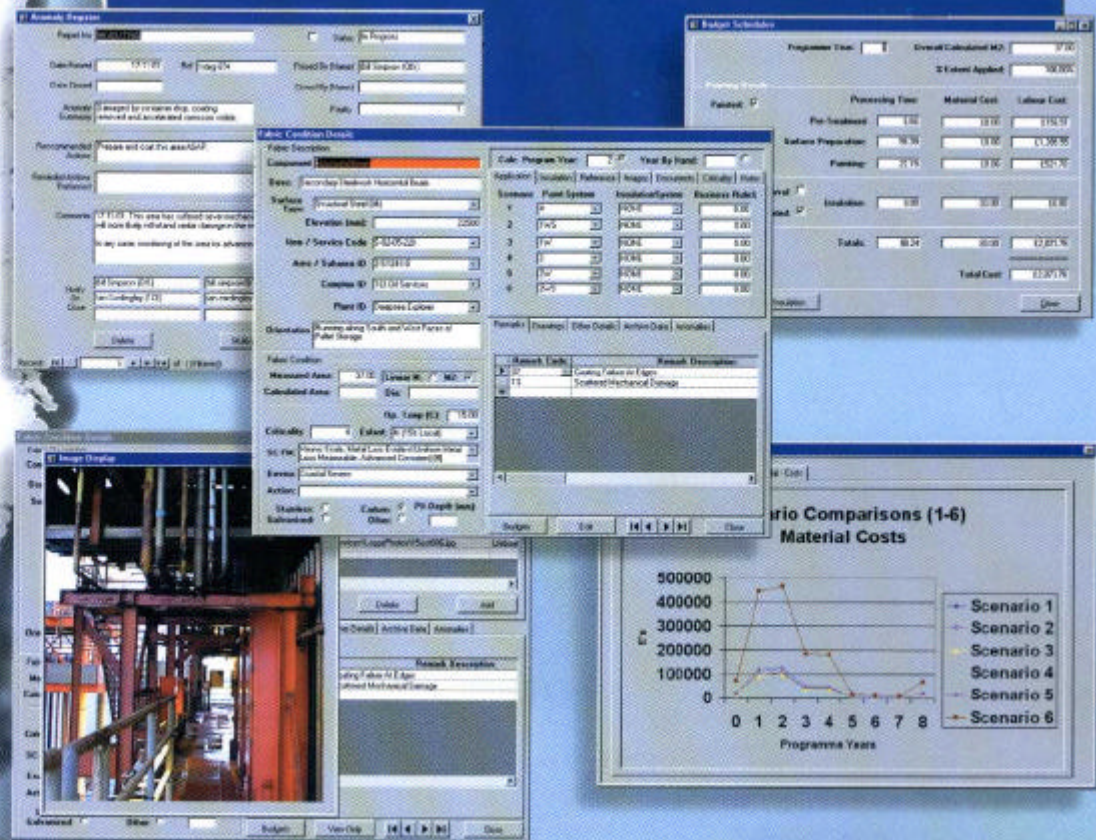
Clients deploying TCI Project Paint™ will always remain firmly in the driving seat, taking ownership of the plant condition and the financial drivers. Day-to-day responsibility can be passed to a contractor or they can manage the process themselves, but ultimately, the client is always in control.

Who should use Project Paint™?

All those who have a responsibility for plant maintenance, including:

- **PLANT MANAGERS** maximise plant up-time and show compliance to safety case requirements.
- **CORROSION ENGINEERS** assess potential for failure based on 'actual' external corrosion.
- **PROCESS ENGINEERS** plan maintenance work around critical periods.
- **RELIABILITY ENGINEERS** plan to achieve EXACTLY the desired plant life span.
- **QUALITY ENGINEERS** track work completed, when and to what standard.
- **PLANNERS** get 5 to 20 year look-ahead on manpower and resource requirements.
- **ESTIMATORS** real hours, real metres, completed or to do, all at the touch of a button.

And Anyone Who Demands More Powerful Control Over Profits and Costs.



What is TCI Project Paint™?

It's a tried-and-tested 'Risk Based' engineering tool used to quantify, control and manage 'External Corrosion and Insulation Maintenance'. It's simple to apply, transparent and auditable in operation and rational in concept. It's forte is the development of justifiable maintenance scopes, optimised for cost over life, and identifying where maintenance expenditure may be deferred, reduced or eliminated altogether. For best results use Project Paint™ to:

- **Identify the current ACTUAL external corrosion status of your plant.**
 - Determine the real risks to the plant and where external corrosion poses least threat.
- **Manage HSE & Safety Case Compliance**
 - Demonstrate HSE Compliance on 'Integrity Assessment'
 - Manage Safety Case 'Protocols' for 'External Corrosion Control'
- **Automate 'Anomaly' Reporting**
 - Link your preferred Asset / Integrity management system to Fabric Maintenance.

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- **Plan to achieve business / production objectives whilst maintaining plant integrity.**
 - Prioritise to work only those surfaces essential to plant integrity or performance.
 - Determine what maintenance can safely be reduced, deferred or eliminated
 - Focus resources for greatest benefit from least investment.
 - Build a least cost safety / maintenance plan based on current inspection results.
- **Budget to realise plant integrity goals within your financial constraints.**
 - Predict budget requirements for the life of the entire plant.
 - Optimise the costs of maintenance and define your investment options:
 - Lowest Cost Now, Lowest Cost Over Plant Life, Lowest Resource Requirement or Least Average Maintenance Time.
- **Minimise Personnel & Material Requirements.**
 - Minimise safety implications and therefore accident, injury and materials handling / storage costs.
 - Integrate other discipline workscopes into the Fabric Programme to maximise shared resources and minimise total environmental impact.
- **Control work completions.**
 - Quantitative – view work completed against planned – instantly, at any time.
 - Qualitative – full traceability of work performance and standards achieved.
 - Determine and apply relevant and appropriate KPI's.
- **Achieve turnkey installation or gradual deployment of the fabric management tools.**
 - Lowest Cost of Ownership
 - Best Trained & Certified Personnel
 - Fastest Data Collection Protocols
 - 'Actual' Condition Data – therefore real time planning immediately available.
- **Create real FLEXIBILITY in short and long term financial and resource planning.**

AND MUCH MORE...

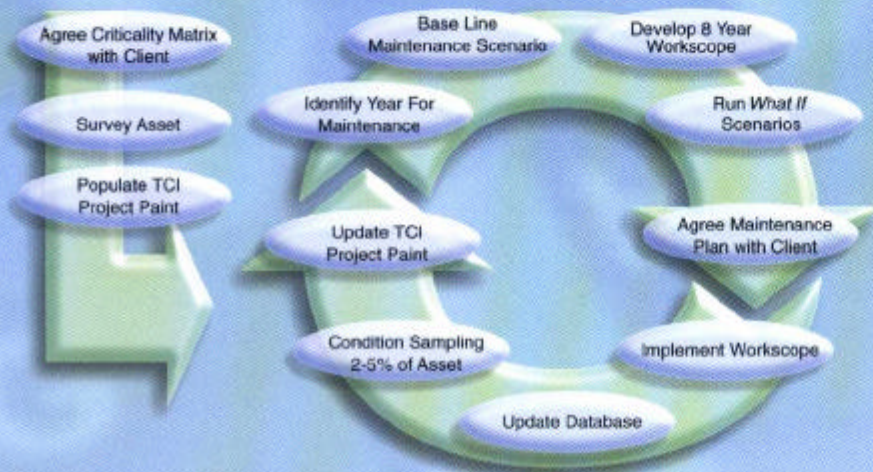
How does TCI Project Paint™ work?

'Real-time' control allows you to plan or modify a maintenance programme using the latest information. Even after unexpected changes in funding you can get back on target quickly and inexpensively.

Almost any conceivable situation can be modelled in Project Paint™ with the built-in 'What If' tools, using your own actual data. For example; what are the benefits of product 'a' over 'b', a specialist over a more general contractor, or what if the plant coating-breakdown slows or accelerates?

Analysing your own planned workscope avoids unpleasant surprises later.

Below is a model of TCI Project Paint™ Process Flow - from inception to annual review.



What if I choose Project Paint™?

Consider for a moment, that you had total knowledge of the current fabric condition of your plant. That you knew how fast each discrete area would degrade and that you could perfectly balance the 'most production' with the 'least expense'.

If your programme was the lowest cost for the most profit, what benefit would you and your company gain?

Just call to discuss the role of TCI Project Paint™ in your organisation, and the many benefits it will bring.

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Our recent past Clients have included:

- Shell - Expro UK
- Shell Global Solutions
- BP Expro - Oil & Chemicals
- BP Amoco
- Total - Fina - Elf
- Esso
- Conoco
- QAFCO
- Phillips Petroleum
- Zadco
- Brunei Shell Petroleum, BLNG
- British Gas
- Atlantic Power & Gas
- AMEC Process & Energy
- Kvaerner Oil & Gas
- Brown & Root

And many others

TCI can take ANY Fabric Maintenance Programme and make it more 'Cost Effective'. Our long experience allows us to define, recommend and deploy only the most effective and efficient methodologies, products and services, so you'll never have to 're-invent the wheel' again. We research and develop products and services to enhance the value of your Fabric Programme including...

TCI PROJECT PAINT™

TCI SURVEY SYSTEMS™

TCI EFFECTIVENESS AUDITS™

SPECIFICATION DEVELOPMENT

CORROSION CONSULTANCY

PROJECT MANAGEMENT

COATING INSPECTION

TCI TRAINING SYSTEMS™

TCI SAFEMARK™ - PIPE CONTENTS MARKERS

TCI IIP™ - INSULATION INSPECTION PORTS

Developed through experience - perfected through time

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