W3 Partnership have created a tool which helps customers implement IBM DataPower quickly, consistently and accurately. W3 Pattern Application Developer (W3PAD).

W3PAD provides a pattern (or a set of patterns), which can be used for all services instantiated thereafter, following the principles of SOA and reuse.

The purchase of W3PAD includes:
1. **On-site training** in the use of W3PAD
2. **Design Guidance** of the appropriate pattern that suits the client environment.
3. **First Project Mentoring** - a design and code review of your first project implementation.
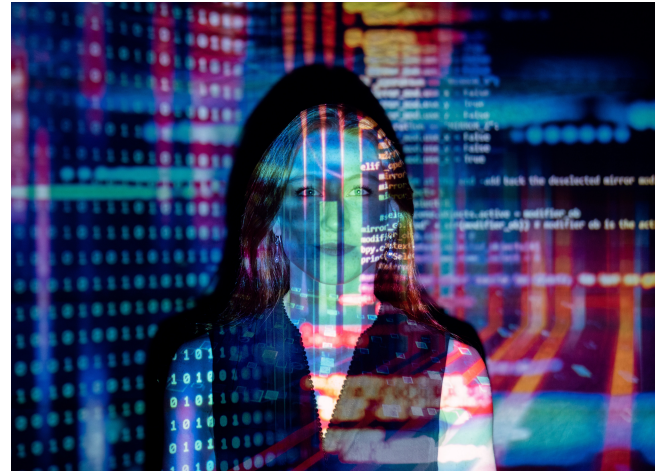
The Objectives
Ensure our clients achieve:
- Ease of use
- Reusability
- Consistency of behaviour
- Commonality of function
- Ease of construction
- Ease of maintenance

The Approach
The patterns created are flexible and can cater for most scenarios, for example; validating a message, performing authorisation, authentication, transformations, error handling, performance logging and auditing.

Each option can be turned on or off for each service, and is all driven via configuration files, making development and deployments simpler and easier.

Key Issues
- Removal of repetitive tasks
- Lack of DataPower knowledge
- Tracking of developed and deployed services
- Issues integrating projects seamlessly increasing development time

Benefits
- Patterns based approach ensures consistency of behaviour
- Automated versioning of services
- Record of deployments made

Deliverables
- Review of existing patterns and deployments
- On-site training in the use of W3PAD
- Design guidance in the appropriate pattern(s)
- Design and code review of first project implementation (first project mentoring)

W3 Partnership uniquely provides solutions and services that help organisations make sense of their digital applications and services, through integrated platforms and patterns. We are in a position to design, develop, host, manage and monitor such platforms.