



CHARISMATEK Software Metrics Services – Function Point Analysis

Function Point Analysis is an internationally used industry standard technique for assessing the size of an existing software application or of the new or enhanced software to be delivered by a project.

The assessed size is expressed in Function Points and is utilised as an input within a wide range of project planning, management and control activities including estimation, benchmarking, scope management and contract management.

CHARISMATEK Software Metrics is a leading supplier of Function Point Analysis services. These include:

- ▶ Function Point Analysis of software applications and projects;
- ▶ Validation and auditing of Function Point Counts and Function Point Analysis programs;
- ▶ Training in the Function Point Analysis techniques:
- ▶ IFPUG CPM 4.3; and
- ▶ NESMA Version 2.2.1;
- ▶ The Function Point WORKBENCH™ software tool.

The Function Point WORKBENCH™ is, by any and all measures, the world's leading Function Point Analysis tool. It provides full support for the IFPUG and NESMA methods and acts as a complete repository of all software sizing information. It also provides an extensive collection of functions and reports to maximise the uses and benefits of Function Point Analysis.

CHARISMATEK's consultants providing Function Point Analysis services have all been IFPUG Certified Function Point Specialists (CFPS) for over ten years.

CHARISMATEK is a contracted member of the Victorian government's eServices Panel for the provision of the "Benchmarking/Function Point Analysis" service.

See below for CHARISMATEK's service descriptions and the benefits they provide.

Function Point Analysis of Software Applications and Projects

Function Point Analysis of a software application or project provides information on software size and scope that is utilised for a range of purposes including:

- ▶ Forecasting software project effort, cost and schedule;
- ▶ Managing software project scope;
- ▶ Benchmarking software productivity and delivery;
- ▶ Ensuring conformance of software delivery and support contracts.

CHARISMATEK is highly skilled in performing Function Point Analysis in all the following situations:

- ▶ Custom built software delivery - new development and enhancement projects;
- ▶ Project change requests;
- ▶ Software package implementations;
- ▶ Software application baselines - support assessment and software asset valuation.

CHARISMATEK's Function Point Analysis approach involves the development of a Functional Model. The Functional Model addresses all impacted software components, maximises ongoing reporting and analysis and ensures that our clients receive the maximum benefits from their investment. The approach is fully supported by our leading software tools.

All our consultants performing Function Point Analysis have been IFPUG Certified Function Point Specialists (CFPS) for over ten years and are experts in the application of both the IFPUG and NESMA Functional Size Measurement Methods.

Auditing of Function Point Counts and Function Point Analysis Programs

CHARISMATEK provides a complete service for auditing individual Function Point Counts and full Function Point Analysis programs.

The service is provided by our IFPUG Certified Function Point Specialists (CFPS).

Function Point Counts are:

- ▶ **Verified** to ensure that they are correct with respect to the Functional Size Measurement Method in use; and
- ▶ **Validated** to ensure that they truly reflect the requirements for the functionality that is to be delivered by a software project or that is provided by an existing software application.

At CHARISMATEK, we work together with our clients to ensure that Function Point Analysis procedures are implemented in a manner that maximises both the quality and the effectiveness of the information that those procedures provide.

Function Point Analysis Training

CHARISMATEK's training courses and workshops address all of our clients' Function Point Analysis requirements. This includes:

- ▶ The IFPUG and NESMA Functional Size Measurement Methods;
- ▶ Detailed technique courses for practitioners - showing how to undertake Function Point Analysis across a range of different software delivery and support environments;
- ▶ Overview courses for project managers and others - showing how to utilise the information that Function Point Analysis generates in the most effective manner for real business benefit;
- ▶ A range of tuition modes to maximise skill transfer including lectures, interactive exercises and participant assessments.

Courses can be delivered in person or via the Internet.

The Function Point WORKBENCH™ Software Tool

Designed and built by CHARISMATEK, the Function Point WORKBENCH™ is the world's leading software tool supporting the Function Point Analysis technique for sizing and evaluating software. The Function Point WORKBENCH™ is specifically designed to be scalable for effective use by individual counters as well as for large scale, distributed IT environments. The Function Point WORKBENCH™ provides an ideal counting tool for all situations and for all software sizing needs.

- ▶ Software Definition;
- ▶ Benchmarking;
- ▶ Software Estimation;
- ▶ Project Control;
- ▶ Outsource Management; and
- ▶ Cost Negotiation.

Further Information and Contact CHARISMATEK

CHARISMATEK Software Metrics provides a wide range of quantitative analysis services focussed on adding value to organisations both delivering and purchasing software related products and services.

For further information on all CHARISMATEK's services, see the CHARISMATEK website at www.charismatek.com or contact CHARISMATEK on + 61 (0)3 9696 1255 or at info@charismatek.com.