World-class Sourcing
and Optimisation Platform

TradeExtensions®

Sourcing with ⬢TESS™

Our world-class sourcing and optimisation platform, **TESS**,™ is uniquely flexible and runs projects ranging from simple reverse auctions to complex sourcing events involving goods and services worth billions of dollars, millions of data items and multiple rounds of negotiation.

Trade Extensions has the technology and expertise to enable businesses and sourcing professionals to make better sourcing decisions – decisions that are strategically-aligned and optimised against operational constraints.

Using advanced mathematical optimisation algorithms to power its scenario builder, **TESS** ensures the decisions you make are based on the best available options, taking into account the objectives and constraints you specify.

Matching sourcing strategy to business strategy requires an effective way to collect data and evaluate offers that can take broader business strategy into account.

TESS can be configured to source goods and services for all industries and sectors and is **Really Flexible**.™

It transforms sourcing projects and is infinitely customisable so users can collect the precise data needed from suppliers.

Collecting the correct information allows buyers to receive the full benefit of our mathematical optimisation in the analysis phase. Numerous scenarios can be analysed very quickly so buyers can **'play'** with the data and answer unlimited **'what if?'** questions.

Really Flexible™

TESS gives suppliers the freedom to express their strengths and ensure buyers receive the best offers. From the buyer's list of requirements suppliers are able to group items together and make offers for the different 'packages' they have created. In addition, suppliers are able to make a range of offers to reflect multiple scenarios such as varying volume discounts or payment terms.

Trade Extensions pioneered the commercial application of 'combinatorial' auctions in the early 2000s and used in conjunction with our world leading optimisation algorithms it provides solutions to sourcing challenges that are impossible to achieve with traditional methods.

Scenario Analysis

The scenario builder uses our own mathematical optimisation algorithms to find the best combination of goods or services and suppliers that meet any criteria specified. In modern sourcing events this type of optimisation is essential as the potential number of combinations runs into millions.

TESS can analyse multiple scenarios taking into account as many or as few business criteria and constraints as necessary and will provide the results in seconds.

Using mathematical optimisation for scenario analysis allows sourcing professionals to make informed and balanced compromises and identify the solution that meets their and their suppliers' precise requirements.

"Simply put, optimization is instant ROI. Guaranteed."

Dr Michael Lamoureux, Sourcing Innovation

Beyond Sourcing®

The flexibility and power of **TESS** means it can be configured to optimise mathematically any resource allocation problem and model projects that go **Beyond Sourcing**.® The platform has been used for applications as diverse as asset optimisation, production planning, supply chain design and risk management.

Projects going **Beyond Sourcing** are just one of the many ways we expect to see the usage of our platform develop as organisations embrace its flexibility and recognise there are creative ways to solve problems that previously would have been impossible.

Beyond Sourcing - Supply Chain

TESS makes it possible to create visibility and derive maximum value from the supply chain by simultaneously tendering all the components in a single tender. When used in conjunction with optimisation, it effectively creates a dynamic model of the entire supply chain so the effects of applying different business constraints can be investigated before business is awarded.

TESS goes **Beyond Sourcing** giving buyers unprecedented levels of control and for the first time ever means they can optimise the whole supply chain and determine the resultant effects of any changes that are made.

TESS Academy is **Trade Extensions'** virtual training institution providing users with a structured training path from novice to expert and the opportunity to become **TESS Accredited**.

The Academy uses a combination of e-learning, instructor led and, where appropriate, bespoke training to ensure users, new and experienced alike, have the necessary skills to make the best use of **TESS.**

The **TESS Academy** training resources are updated in-line with the **TESS** platform ensuring users fully understand and can utilise the platform's latest capabilities.

About

Trade Extensions was founded in 2000 by a team of recognised leaders in the field of advanced optimisation algorithms with world-leading competence in algorithm design, microeconomics and advanced electronic markets.

In early 2001, the company conducted the world's first online combinatorial auction with direct feedback to bidders and it has continued to lead the way in sourcing and optimisation.

TESS is now used by some of the world's most respected organisations and we conduct sourcing events and support users the world over through our network of offices and partners.

Our customers and partners include:

Agility Logistics
AT Kearney
BP
Cabot
Cargill
Coca-Cola
Danone
Diagma
Dow
Hubwoo
INEOS Polyolefins
Kellogg's
Kimberly-Clark
P&G
Parker Hannifin
Rexam
Schneider Logistics
Unilever

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