



# Accelerating the world's most exciting projects

**The market leader for specialist software in the construction industry**

A complete line of software for specification, design, estimating, procurement, construction management and operation, to suit any project worldwide.

## About our Business

Amtech is a global market leading developer and supplier of specialist software for the Building Services industry. With focused development, and a customer base specific to the Electrical, Mechanical, HVAC and Rail Industries, over 96% of the UK's top Contractors utilise software and services from Amtech.

Our range of software is designed specifically for the needs of Building Service Engineers, Manufacturers, Contractors and Consultants. Our clients include some of the most well-known organisations in the industry.

Amtech specialise in software for Specification Writing, Design, Inspection & Testing, Estimating, Contract Management, Financial Management and Service Management. All powered by a reliable and accurate data source from Luckins; this is the UK's contracting industry's standard source of product and price information.

Amtech are a quality assured software supplier and have been operating under a strict Quality Management System since 1994 which complies with the requirements of BS EN ISO 9001:2000 and TickIT.

Our knowledge and experience of the Building Services Industry is what makes Amtech the market leader, and the Amtech brand, synonymous with quality and reliable software products.

## Our Products & Services



BIM & 3D

Estimating

Service Management

Specification

Contract Management

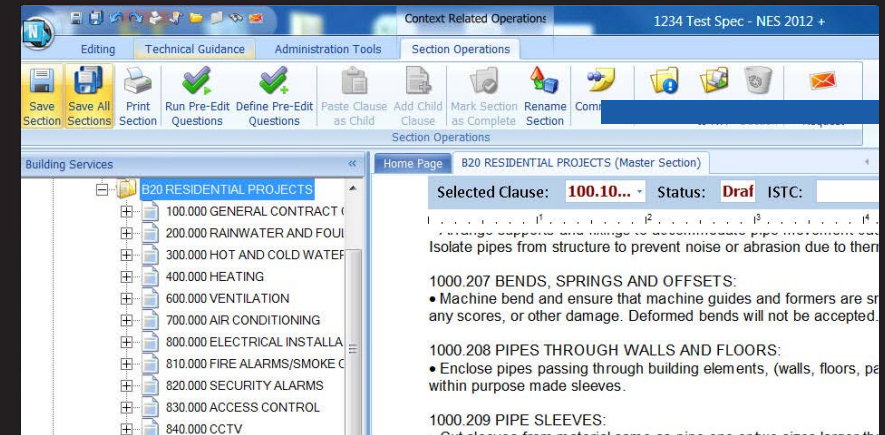
Information Services

Electrical Design

Inspection & Testing

Financials

# NES



## Specification Writing Software

NES is a specification compiling program for use in generating Building Services specifications. The software contains a comprehensive library of clauses that Building Services Engineers can select and edit to create complete project specifications. It keeps your specification content right up to date, effortlessly puts you in line with industry best practice and increases the efficiency of your specification writing.

NES is the only specification tool in the UK designed specifically for compiling Building Services specifications. Clauses are authored and maintained by our team of specialists and are arranged in accordance with the Common Arrangement of Work Sections (CAWS). The structure provides a checklist for specifications that helps ensure that nothing is overlooked.

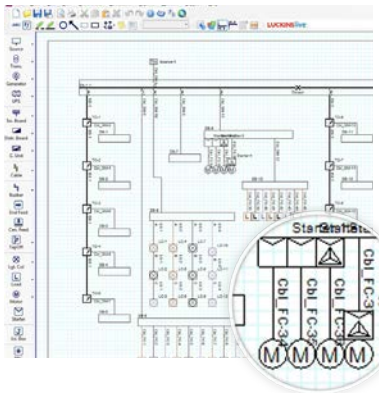
The key benefits of NES include:

- » Quarterly content updates via 'Live Update'
- » Flexible licensing options to suit businesses of all sizes
- » Exclusively endorsed by CIBSE
- » Supported by BSRIA
- » Focused on advanced Building Services content



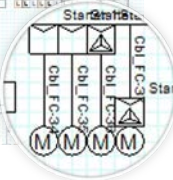
# Electrical Design

## ProDesign

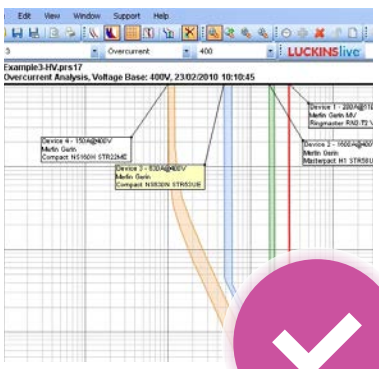


ProDesign is the leading electrical design software which provides full electrical design and calculations to BS 7671.

- » Load summation and cable sizing
- » Voltage drop and earth fault protection
- » Line and earth fault adiabatic checks
- » Protective fault ratings
- » Discrimination
- » Links to Autodesk Revit



## Protect

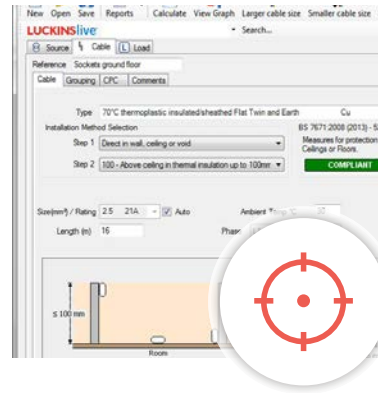


Protection studies and device selection made easy:

- » Extensive manufacturer supported database
- » Automatically checks Icu ratings and gives warnings on screen
- » Links with ProDesign
- » Displays energy let-through characteristics
- » Time/current tolerance bands
- » Interactive single line diagram
- » Zoom and pan feature



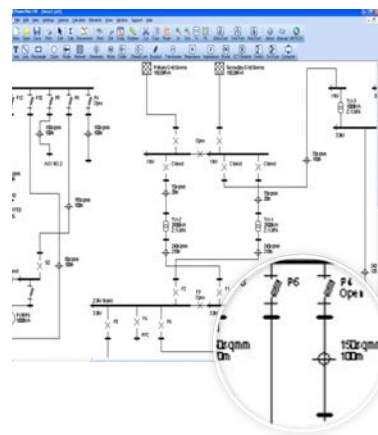
## SingleCable



Use SingleCable to size an individual circuit quickly and easily, in accordance with BS 7671.

- » Calculate any cable in seconds
- » Automatic update notification
- » Minimum cable size calculations
- » Automatic protective device ratings
- » Earth fault disconnection time
- » Full cable & protective device database

## PowerNet



A powerful graphical short circuit analysis program for the calculation of short circuit currents to IEC 60909-0.

- » Models complex meshed HV/LV industrial distribution systems with different voltage levels
- » Switching elements can be set open/closed to model different network switching arrangements

# Estimating

## Estimating

The market leading estimating software for Building Services:

- » Helps you win more profitable work
- » A complete multi-discipline solution
- » Speed menu product access
- » Luckins' industry standard fit times and trade prices
- » Manage % discount and nett prices
- » Create kits and assemblies to speed up the tendering process
- » Report on price per square metre/budget estimating
- » Range of reports and report designer
- » Full integration with Procurement & Contract Management
- » Links to Microsoft Project
- » Supplier/sub-contractor quote management tool
- » Management dashboard

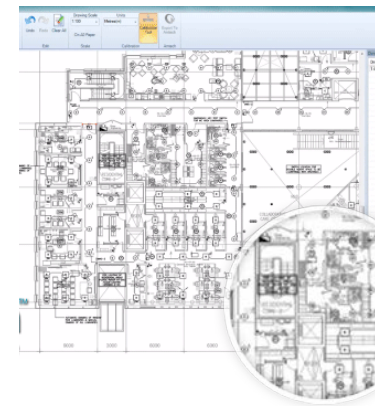
	Start	Initial Totals	Project Constants	Prelims	Labour	Prime Cost Modelling
		Initial Value	%	Amount	%	Fix
(439.79 hours)		£67,156.36				
240.03 hours)		£6,979.11				
		£60,177.24				
		<b>£198,410.62</b>	<b>0.59</b>	<b>£1,175.43</b>	<b>1.63</b>	
		£91,826.48				
		£5,793.08				
		£22,588.56				
		£451.00	5.00	£1,175.43		
		£2,755.10				
		£8,019.40				
		£65,264.20				
		<b>£61,410.00</b>				
		£5,250.00				
		£56,160.00				
		<b>£326,904.97</b>				

Contract Description	Client	Engineer	Estimate Due
Angley Manor Refurb	Harcroft and James	Adam	31/07/2010
Lincoln Court Refurb	RAF Construction	Phil	30/04/2010
Waters Wine Bar	Burke and Hare	Leanne	03/06/2010
Simulation New Offices Dublin	B I A S Builders	Rosco	03/08/2010
Waters Bar and Grill	Leonard & Moore Ltd	Emma	25/06/2010

## QuickScale

Take accurate measurements from any PDF or scanned drawing;

- » Dramatically reduce your time to takeoff
- » Measure: counts, paths, lines and area's
- » Integrates with square metre report in Estimating
- » Zoom and pan around your drawing
- » Multiple colours can be selected to differentiate between services/items

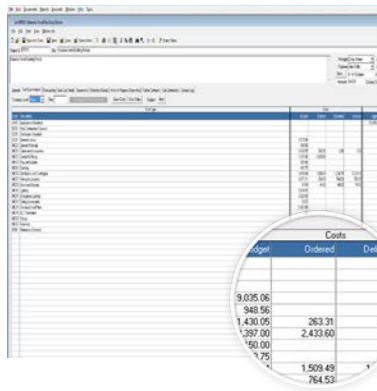


# Contract Management

## Job Costing

All encompassing job control package containing the tools needed to run jobs efficiently and report on their performance.

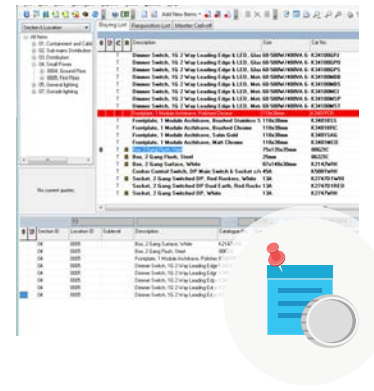
- » Tracks material, labour and sub-contractor costs
- » Manages applications and certification
- » Records purchases and issues from stores
- » Compares budgeted costs with actual costs
- » Manages re-submit



## Procurement

A flexible buying management system, to help you make effective buying decisions and control your purchasing.

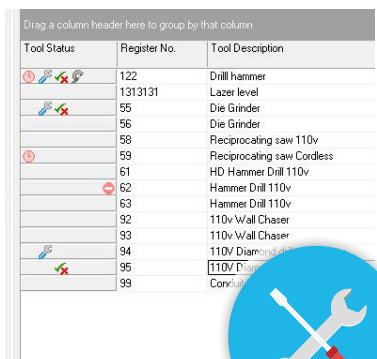
- » Manage/report on purchasing performance
- » Master call off system for cross contract ordering
- » Place material and sub-contract orders
- » Customise purchase orders
- » Optimise suppliers' routines
- » Raise requisitions and purchase orders



## ToolsMaster

Track all tools, plants and vehicles. Who has what, where and when the item is due back.

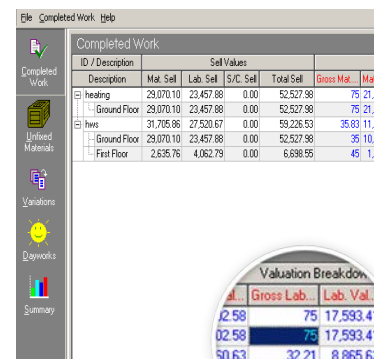
- » Comprehensive log of information including serial numbers, PAT and service dates
- » Automatic reminders for testing, servicing and dates due back from site
- » Notes feature for additional information
- » Ability to allocate tools to engineers



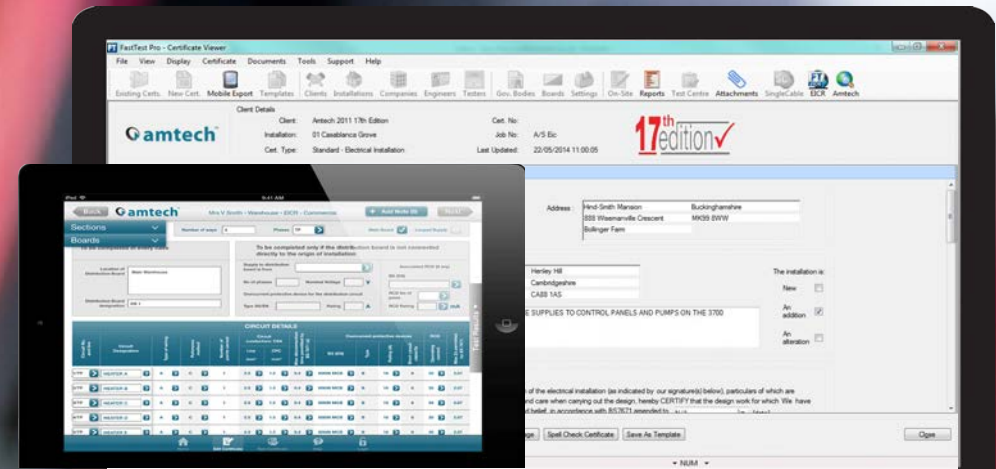
## Contract Management

Price and track Variations, Dayworks and Valuations to maximise the profit on each contract.

- » Automatically creates Schedules of Rates from Estimating
- » Edit all values in Variations to arrive at the desired rate
- » Customisable templates for applications
- » Tracking options keep you informed at all times



# Inspection & Testing



## FastTest

Produce electrical Inspection and Testing certificates for commercial or domestic installations.

- » Include your company & governing body logos on plain paper
- » Compliant with 17th Edition Amendment 1 Wiring Regulations
- » Stores all your customer and certificate details for instant retrieval
- » Manages database of re-test work
- » Includes gas certificates



## FastTest Mobile

FastTest Mobile for iPad and Android has been specifically designed to be effective companion product to FastTest.

- » Complete certificates on site and on the move
- » Sync iPad and Android with FastTest desktop
- » Cloud connected for access anywhere
- » Simple navigation
- » Intelligent data entry
- » Secure connection and data storage
- » Automatic notifications





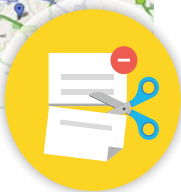
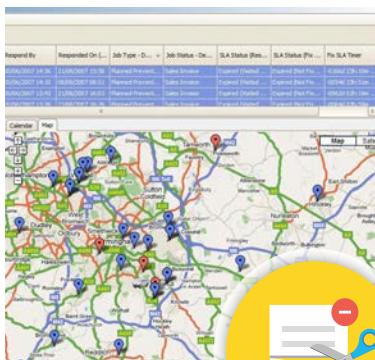
# Service Management



## Service Manager

Designed to manage every aspect of service work, including: planned preventative maintenance, reactive and call-out jobs and quoted works. It exclusively works with Luckins data to ensure you always have accurate Prices & Fit times for quoting & managing job costs.

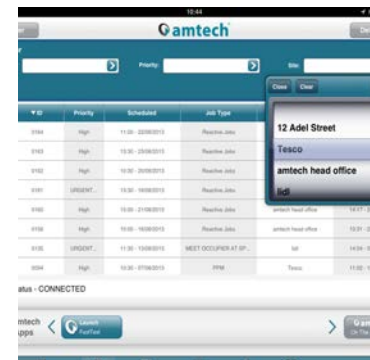
- » Flexible scheduling and shared planner
- » Accurate and fast invoicing
- » Manages the profitability of each job or contract
- » Flexible customer portal
- » Produce contracts with SLAs



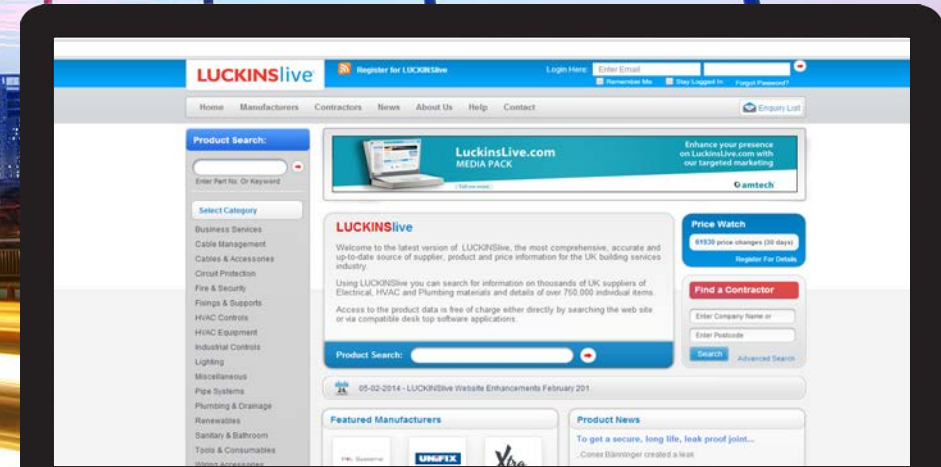
## Service Manager Mobile

Service Manager Mobile for iPad and Android has been specifically designed to be an effective companion product to Service Manager.

- » Send jobs direct to your engineers
- » Dynamically track your engineers
- » Automatically send jobs
- » Eliminates delays
- » Auto completes time-sheets
- » Customer sign off & engineer rating



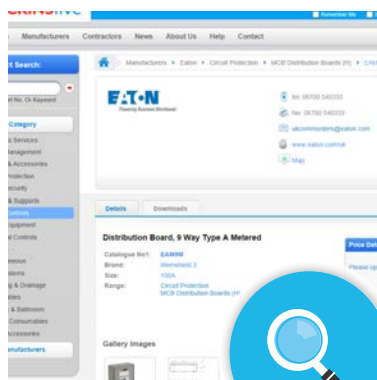
# Information Services



## Luckins

The industry standard source of product and price data for the Electrical, HVAC and Plumbing sectors.

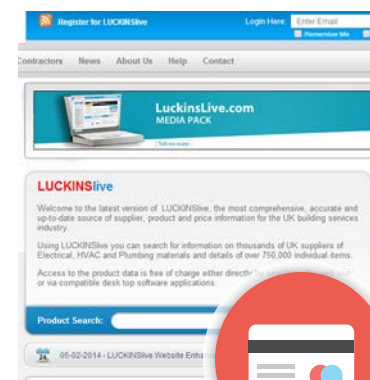
- » Comprehensive, accurate and up-to-date product and price data enables users to maximise returns on software investment
- » The Luckins database lists over 1 million products from over 750 manufacturers
- » Luckins is used by the majority of major UK Contractors and Distributors as the foundation of their estimating, sales, purchasing and e-commerce processes



## LuckinsLive.com

A comprehensive online resource allowing access to in depth product information for the Building Services Industry. This includes images, catalogue pages and technical specifications.

- » Accessible via Amtech software applications, making product data available exactly where and when it is needed
- » Provides a source of rich content to populate Distributors' websites
- » Flexible marketing options enable manufacturers to benefit fully from their presence on LuckinsLive



# Financial Suite

## Contractors Accounts

Account	Name	Balance L.P.	Credit	Debit	Subst.
AC500	Amtech Computer Supplies	6,500.00			
BE101	Bell Alarm	4,000.00			
BE102	Birmingham Electrical Supplies	2,797.00			
BE103	Birmingham Gas Supplies	3,000.00			
BE104	Bell Lymond	3,000.00			
BE105	Bell Macdonald	400.00			
BE106	Birmingham Plumbing Supplies	7,660.00			
BE107	BSC Midlands	5,500.00			
BE108	BST Telecom	1,230.96			
BE109	BSPA Healthcare	5,500.00			
BE110	Birmingham Welding Services				
BE111	Carl Commercial Services	600.00			
BE112	Carsons Cleaning Services				
BE113	Chemical Clean Ltd				
BE114	Chase CCTV Installations				
BE115	Clady Ductwork Ltd				
BE116	Claydon Pl Ltd				
BE117	Clax Electrical Installations				
BE118	Claxton Publications				
BE119	Claxton Alarm Services				
BE120	Claxton				
BE121	Claxton (P&I)				
BE122	Electric Centre (P&I)				

Accounting software designed to deal with the specific requirements of the Building Services Industry.

- » Integrated sales, purchase, nominal and VAT ledgers
- » Asset register with depreciation functions
- » CIS verification and reporting module
- » Powerful tools for managing sales and purchase retentions
- » Submission of electronic VAT returns to HMRC
- » Suggested payment routine to speed up purchase ledger
- » Comprehensive range of reports



## Stock Control

Item No.	Description	Quantity	Unit Price	Total Price	Location
1001	1001	100	10.00	1000.00	Warehouse
1002	1002	200	5.00	1000.00	Warehouse
1003	1003	300	3.33	1000.00	Warehouse
1004	1004	400	2.50	1000.00	Warehouse
1005	1005	500	2.00	1000.00	Warehouse

Produces stock location and stock price reports, as well as warnings when stocks fall below pre-set levels.

- » Allows stock items to be selected from pricing data and re-priced at any time
- » Manages as many stock locations as you like
- » Includes minimum re-order levels, on-order quantities and full audit trail

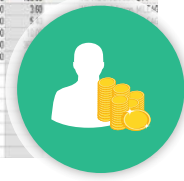


## Payroll Costing

Job No.	Day	Date	Rate	Quantity	Value	Additional	Description
PP04	Wed	21/05/2014	1.002	5.0000	30.0000	150.00	
PP04	Wed	21/05/2014	E004	8.0000	0.4500	3.60	
PP04	Wed	21/05/2014	E004	12.0000	0.4500	5.4	
PP04	Wed	21/05/2014	E001	18.0000	1.0000	18.00	
PP04	Wed	21/05/2014	L001	20.0000	20.0000	20.0000	

Amtech Payroll software provides a powerful data entry and analysis tool for all labour costs, full integration with the latest Sage Payroll and Amtech Costing modules.

- » Ability to process your weekly and monthly payrolls in the way that best suits your business
- » Flexible time sheet entry for allocating both hours and costs to specific jobs
- » Automatically builds up time sheet data for transfer to Sage Payroll



# ArtrA™

amtech



## BIM Co-ordination and Management

ArtrA is a powerful solution for a wide range of markets including architectural, engineering and construction as well as the process and power, industrial and utilities sectors. It can be used from the design phase, during construction, and then through to facilities or plant lifecycle management. Providing the most accurate and up to date 'as built model' acting as the primary BIM database for use in post-construction systems.

At its heart, ArtrA is a database management application but, unlike traditional databases, it is linked to a 3D model that is the gateway to project information and documentation.

ArtrA is fully scalable for use on any size of project, whether it's in the design office, in the field or in facilities management.

The key benefits of ArtrA include:

- » Easy to use speedy interface
- » Snagging, sign off and construction management (including use for your sub-contractors)
- » Links to BMS systems
- » Creation of electronic O&M accessible through the model
- » Links to document management systems
- » Links to RFID/Bar-coding
- » Links to CAFM/Service Management Systems
- » Comprehensive reporting, visualised by colour representation within the model

# Key Clients

## Contractors

SKANSKA

NG Bailey

Balfour Beatty

Laing O'Rourke

Imtech

SSE

## Consultants

Arup

AECOM

Atkins

Mott MacDonald

WSP

Jacobs

## Business Services

PHS

BP

Babcock

EDF

Serco

Integral

# Partners

	ABB	GE	Hager	Eaton	Siemens	Schneider
Business						
Industry	BIFM	BSRIA	CIBSE	BuildingSmart		
Development	Autodesk	Revit	Sysque	Sharepoint		

# Contact Us



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