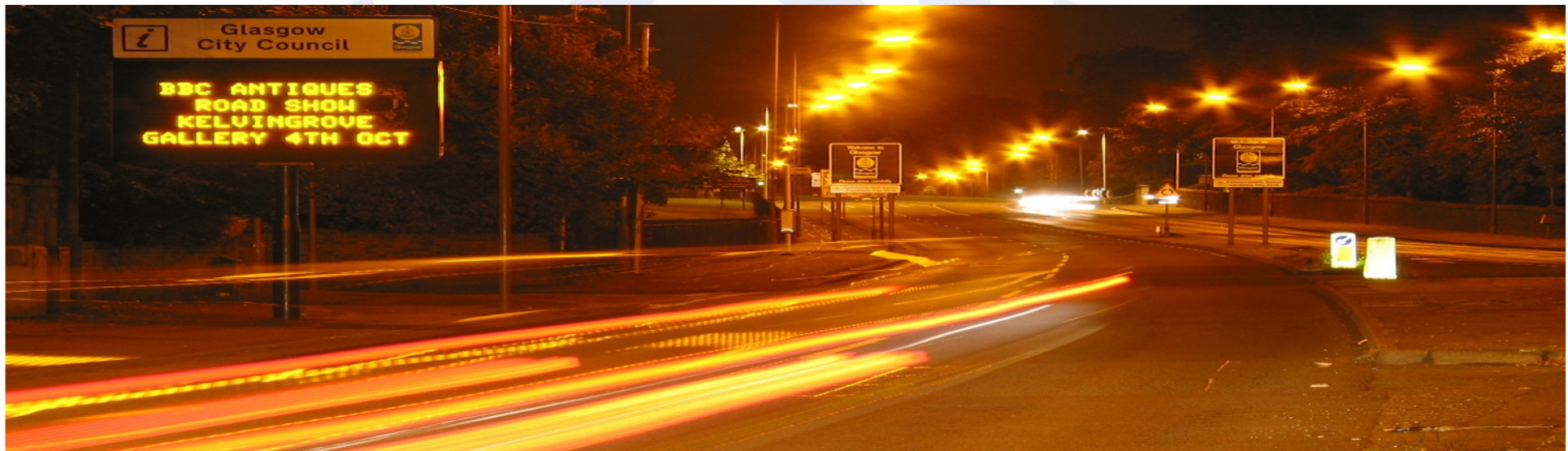


Adding Value through UTMC



- ❑ The challenges
- ❑ How to get best value from UTMC
- ❑ Where UTMC can deliver benefits
- ❑ Conclusions



The challenges



- **Economic challenges:**
 - Lack of capital funds
 - Increased need to reduce revenue expenditure
 - All spend must demonstrate benefits
 - Procurements should take account of whole life costs

- **Policy challenges:**
 - Deliver and contribute to transport policy objectives
 - Make best use of existing assets



How can UTMC be the best value option?



- ❑ **UTMC technology & systems are proven and mature**
- ❑ **Many early systems were expensive to purchase & maintain**
- ❑ **Legacy systems now in need of technology refresh**
- ❑ **UTMC market is now highly competitive**
- ❑ **Low cost solutions can result in benefits and savings**
- ❑ **There are several options for next generation of UTMC systems**



UTMC implementation: Options



- ❑ **Sharing a UTMC System – with a neighbouring authority**
- ❑ **Managed UTMC Service – deliver through a service contract**
- ❑ **Regional UTMC System – join with one or more authorities to deliver a regional service**
- ❑ **System growth using multiple suppliers**
- ❑ **Technology Refresh – test the market for a new low cost UTMC solution**

Sharing UTMC System



- **Opportunity to make use of an existing UTMC system**
- **Collaboration with a UTMC authority brings:**
 - Capital benefits
 - Revenue benefits
 - Procurement benefits
 - Scalability
- **Current operational authority benefits from:**
 - Revenue share
 - Improved cross-boundary communications
 - New features introduced
- **Use of branding maintains individuality**

Managed UTMC Service



- **UTMC system and operations delivered by a 3rd party:**
 - **Service level agreement**
 - **Managed risks**
 - **Fixed capital / revenue costs**
 - **Reduced operational obligations**
 - **Reduced resource commitments**



Regional UTMC System



- ❑ **One or more LAs agree to operate their network as a single entity**
- ❑ **Ideal for neighbouring authorities**
- ❑ **Often through a joint LTP**
- ❑ **Focus no longer on local issues only**
- ❑ **Systems now have proven scalability**
- ❑ **Reduced cost of procurement process**
- ❑ **Reduced capital and revenue costs for all authorities**
- ❑ **Increased visibility and access to information across all regions**

Regional UTMC System: Operational benefits



- ❑ Greater efficiency of network management operations
- ❑ Each stakeholder will have a local & consolidated view of network conditions across the region
- ❑ Provision of a wide range of accurate and timely information services to the travelling public
- ❑ Complete service to travellers optimised across the region
- ❑ Improved liaison
- ❑ Opportunity to learn from mature market place and apply best practice



Regional UTMC System: Capital & Revenue benefits



- ❑ **The capital investment saving per authority for establishment of the core regional UTMC system is in the region 30%**
- ❑ **The ongoing annual revenue saving per authority for maintenance of a UTMC system is in the region 40%**
- ❑ **The potential staff saving for operations is in the region 1.5 – 3.5 persons.**

Using multiple UTMC suppliers



- **Core system from supplier “A” – purchased as best value**
- **System growth from different suppliers-
tender for best value implementation :**
 - **Equipment which is capable of direct communication**
 - **Additional system integrations through systems capable of direct communication**
 - **Additional system integrations through adapters**
 - **Additional support tools such as offline-analysis, fault management**

New UTMC System or System Refresh



- ❑ **Tendering doesn't have to be expensive**
- ❑ **The UTMC requirements are standard!**
- ❑ **Make use of another LAs specification & tender documents**
- ❑ **Reduce costs for specialist consultancy**
- ❑ **Legacy UTMC Systems could be updated to get the benefits of latest functionality, performance and lower maintenance costs**
- ❑ **Reduce ongoing maintenance costs by approx. 30%**



Conclusions



- ❑ **UTMC continues to introduce benefits**
- ❑ **Focus on maximising available benefits**
- ❑ **UTMC capital and revenue costs can be reduced**
- ❑ **New systems will benefit from the competitive market**
- ❑ **Legacy systems may need to be looked at!**

Questions?



- If you would like to further discuss any aspect of my presentation please email me at elaine.rodgers@mottmac.com
- Thank You