

Photo : AV Point B.V., The Netherlands



#### LED or Video Screen support solutions

With the ever-increasing use of outdoor LED or Video screens, Prolyte has engineered the perfect solution to hang your screen in an efficient and safe way.

Prolyte has developed 3 standard screen solutions, based on the MPT, ST and CT towers. All constructions are provided with a complete set of calculations. Variations on the standard solutions are available on request.

#### Reliable constructions

LED Screen constructions require extra attention with regard to set up and structural calculations. Environmental factors, such as wind force, have to be calculated and furthermore, the stability of both the structure and the screen needs to be ensured. All Prolyte constructions comply with the applicable regulations and standards, like wind force resistance up to wind speeds of 28 m/s.

#### Each system has unique requirements

Due to the complex interaction of forces, resulting from screen surface, wind speeds, system weight and required screen height, each system is unique with respect to the calculation of the complete construction. Requirements for larger spans, higher loading or added screen height need to be calculated. Relying on its experienced engineering department, Prolyte is able to offer this distinctive service.

#### Based on standard truss systems

LED screen constructions from Prolyte consist of standard products from both the tower and truss range. There is no need to invest in special parts. Based on your standard rental stock; any suitable application can be constructed.

For more information, please contact Prolyte's Customer Services.



#### Technical Specifications

Allowable loading ranging from	500 - 5000 kg
Screen surface ranging from	6m <sup>2</sup> to 60m <sup>2</sup>
Max. Windspeed	13,8 to 28 m/s
Design Standards	DIN 4113 / EN 13814