



MaxView® Scenario

Scheduling & Provisioning System

Plan Ahead

Network operators employ MaxView® Scenario™ to schedule and automatically execute broadcast schedules. Coupled with MaxView's remote control of network resources, Scenario's browser-based booking system provides a powerful broadcast automation environment.

MaxView Scenario strengthens your operations by:

- Streamlining end-to-end booking execution with a centralized staff who remotely controls the broadcast schedule
- Minimizing operational errors with automated scheduling that accesses all network and schedule details necessary to fill a booking request (typically this information is pulled together manually)
- Representing the real-time state of the network to keep operations staff informed of equipment availability, enabling full utilization of network resources.

Through a simple web browser interface, operators can use Scenario to schedule services, such as a video feed, for a single occurrence or repeated on a daily, weekly or monthly cycle. Scenario then runs the schedule by launching events at their scheduled time.

To conduct a booked event, Scenario triggers MaxView to control network equipment, coordinating the activities needed to complete the event on schedule. Scenario monitors the condition of the equipment used in the schedule, alerting operators to failures that may inhibit the proper execution of an event. To keep operators informed, Scenario displays schedule information in a playlist that shows past and upcoming events with indication of failed equipment.

MaxView Scenario's core features include:

Browser-based Booking Sheets

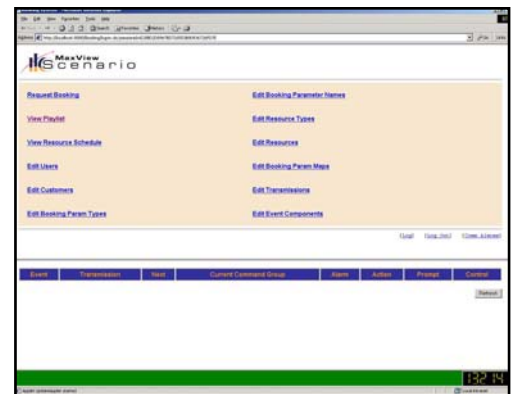
MaxView Scenario's interface runs in a web browser so scheduling can be done from any computer, regardless of operating system. Only one software installation is required—on the centralized booking system server where the Scenario server runs. To build a schedule, the operator accesses MaxView Scenario via the browser, selecting the type of booking execution time and booking parameter to complete the booking sheet. Through this interface, an operator can perform administrative tasks, request a booking, review the standing schedule, and modify or delete existing bookings.

Conflict Detection

After an operator submits a completed booking sheet online, MaxView Scenario follows a two-step process to detect potential conflicts. MaxView Scenario first determines which equipment is capable of satisfying the booking, then verifies the equipment's availability during the requested period of time. Next, it confirms the booking, or indicates conflict and requests changes to the schedule in question. The booking is only denied if the required equipment type is unavailable. Otherwise, booking is accepted, acknowledged to the operator and inserted into the schedule.

ODBC/SQL Database

MaxView Scenario stores all information in an ODBC compliant SQL database. This database contains information about resources, bookings, schedules, customers and users. Additionally, the relational database is efficiently structured for high speed data storage and retrieval.





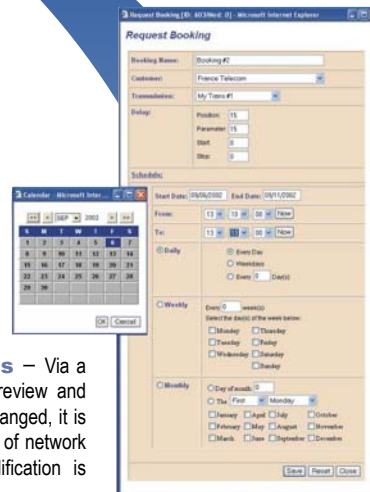
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Define Scenario's operating environment – A system administrator defines the network resources, booking parameters, customers and Scenario users in preparation for creating the network schedule.

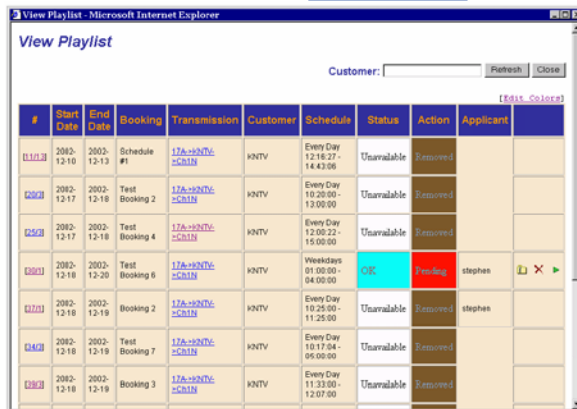
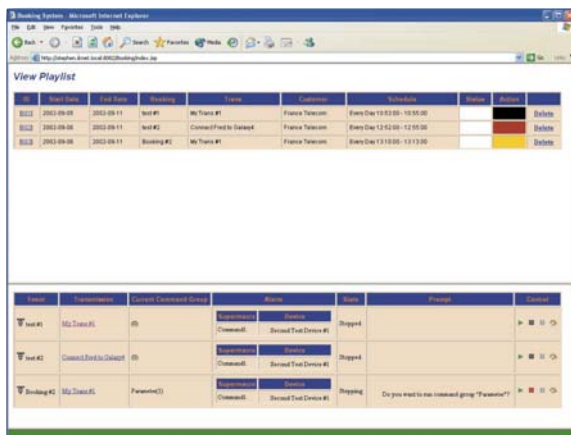


Create Booking – Operators use the booking sheet to request a booking, inputting the event details into a simple form. The operator specifies the time period for which the booking is valid and whether it is a single occurrence or a repetitive daily, weekly or monthly event. After a request is submitted, Scenario determines whether or not resources are available for the booking. If so, the booking is accepted and added to the schedule.



Review/Modify Existing Bookings – Via a form similar to the booking sheet, operators review and modify existing bookings. When a booking is changed, it is resubmitted to Scenario to verify the availability of network resources to satisfy the request. Each modification is archived for historical reference.

Schedule Execution – Scenario launches the events automatically at the scheduled time. It retrieves upcoming events and queues them for action. If there is failed equipment in an event, it prompts operators to decide whether or not to launch a degraded event. Once events are executed they are archived in an "as run" historical log.



View Playlist – At any time, operators can view the schedule as a playlist that shows each scheduled booking in a table of events. Summary information is provided for each event including the booking details and the status of the event, i.e., whether the equipment used for the reservation is operational or failed.