# 📣 Announcement Manager Module

## 🎯 Purpose

The Announcement Manager allows the Superadmin (and optionally, brand tenants) to publish important updates, notices, maintenance alerts, and onboarding messages directly to the SaaS dashboard UI, admin panels, or email notifications.

This system streamlines internal communications, provides clarity to all system users, and supports emergency alerts and guided onboarding announcements.

## 🧩 Core Features

### 1. 📅 Announcement Types

* **System-wide Broadcasts**
  + Maintenance notifications
  + Feature releases
  + Emergency alerts
* **Brand-specific Announcements**
  + Individual tenant updates
  + Quota warnings, plan expiry, or milestones
* **User-targeted Messages**
  + Role-based messages (e.g., Admin vs Editor)
  + Trial reminders, onboarding checklists

**Database Table:** announcements

| Field | Type | Description |
| --- | --- | --- |
| id | UUID | Unique ID |
| title | String | Headline |
| message | Text | Full HTML-enabled message |
| type | Enum | system, brand, role, trial |
| tenant\_id (null) | UUID | If applicable to a specific brand |
| user\_role (null) | String | If targeted to specific user roles |
| publish\_from | Timestamp | Schedule start time |
| publish\_to | Timestamp | Schedule expiry |
| created\_by | UUID | Superadmin or staff UID |
| seen\_by (array) | UUID[] | Track which users viewed it |

### 2. 🖥️ UI Display Logic

* Dashboard Top Banner (for high-priority announcements)
* Modal Popups (first login, onboarding alerts)
* Sidebar Highlight (e.g., red dot on “What’s New”)
* In-page Inline Banners (e.g., above feature panel)
* Filter by priority/expiry on brand admin UI

### 3. 🛠️ Admin Features (Superadmin Panel)

* Create, Edit, Expire Announcements
* Set visibility (All Tenants, Specific Brand, Roles)
* Set importance level (Low, Info, Warning, Critical)
* Optional CTA buttons (e.g., “Upgrade Now”, “Read Docs”)
* Preview mode
* View logs (seen %, user list, dismiss tracking)

### 4. 📧 Email & Notification Integration

* Toggle to send email when announcement is published
* Supports bulk send via transactional API (Postmark, SendGrid, etc.)
* Trigger Slack/Telegram notifications (for team use)

### 5. 👨‍💻 Developer Hooks & API

* REST: GET /announcements with filters (type, tenant, unread)
* POST for new announcement (admin-only)
* Webhook triggers (on publish, expire)

## 🧠 Benefits

* Improves internal communication across teams and tenants
* Reduces support tickets during downtimes/updates
* Encourages usage of new features with built-in CTA
* Helps brands stay aligned with system updates

## ✅ To-Do for Dev Team

* Create announcements DB schema and seed data
* Build superadmin UI editor for announcements
* Integrate with brand dashboard header/banner logic
* Add notification service (popup/email)
* Build API for tenant-level announcements

## 🔗 Connected Modules

* Superadmin Operational Panel
* Trial Onboarding Helper
* Quota Monitor Alerts
* Feature Rollout Scheduler

This module will be stored as announcement\_manager.md and linked from the Admin UX & System Tools section in the master documentation.