

SYSTEM									
users									
id	ϕ								
username	text	NN							
password_hash	text	NN							
password_salt	text	NN							
encrypted_data	text	NN							
is_active	boolean								
created_at	timestampz								
updated_at	timestampz								
user_roles									
id	ϕ								
organization_id	ϕ	void							
user_id	ϕ	void							
role_id	ϕ	void	NN						
created_at	timestampz								
updated_at	timestampz								
roles									
id	ϕ								
organization_id	ϕ	void							
name	text	NN							
description	text								
role_type	text								
is_active	boolean								
created_at	timestampz								
updated_at	timestampz								
role_permissions									
id	ϕ								
permission_id	ϕ	void	NN						
role_id	ϕ	void	NN						
created_at	timestampz								
updated_at	timestampz								
permissions									
id	ϕ								
name	text	NN							
description	text								
permission_code	text	NN							
permission_type	text								
is_active	boolean								
created_at	timestampz								
updated_at	timestampz								

HR									
organizations									
id	ϕ								
name	text	NN							
description	text								
organization_code	text								
encrypted_business_registration_number	text								
external_system_id	text								
is_synced	boolean								
last_sync_at	timestampz								
is_active	boolean								
created_at	timestampz								
updated_at	timestampz								
departments									
id	ϕ								
organization_id	ϕ	void							
parent_department_id	ϕ	void							
name	text	NN							
description	text								
department_code	text								
external_system_id	text								
last_sync_at	timestampz								
is_synced	boolean								
is_active	boolean								
created_at	timestampz								
updated_at	timestampz								
grades									
id	ϕ								
organization_id	ϕ	void							
name	text	NN							
description	text								
grade_code	text								
step	integer								
is_active	boolean								
created_at	timestampz								
updated_at	timestampz								
positions									
id	ϕ								
organization_id	ϕ	void							
name	text	NN							
description	text								
position_code	text								
is_active	boolean								
created_at	timestampz								
updated_at	timestampz								
jobs									
id	ϕ								
organization_id	ϕ	void							
name	text	NN							
description	text								
job_code	text								
is_active	boolean								
created_at	timestampz								
updated_at	timestampz								
employees									
id	ϕ								
organization_id	ϕ	void							
department_id	ϕ	void							
position_id	ϕ	void							
grade_id	ϕ	void							
user_id	ϕ	void							
is_main	boolean	NN							
encrypted_data	text	NN							
created_at	timestampz								
updated_at	timestampz								
employee_assignments									
id	ϕ								
organization_id	ϕ	void							
employee_id	ϕ	void	NN						
department_id	ϕ	void	NN						
position_id	ϕ	void							
job_id	ϕ	void							
grade_id	ϕ	void							
is_main	boolean	NN							
encrypted_data	text	NN							
created_at	timestampz								
updated_at	timestampz								
employee_assignment_histories									
id	ϕ								
organization_id	ϕ	void	NN						
department_id	ϕ	void	NN						
job_id	ϕ	void							
position_id	ϕ	void							
grade_id	ϕ	void							
employee_id	ϕ	void	NN						
encrypted_snapshot_data	text	NN							
created_at	timestampz								
updated_at	timestampz								

ACCESS CONTROL									
time_schedules			time_schedule_items			holidays			
id	ϕ	void	id	ϕ	void	id	ϕ	void	
organization_id	ϕ	void	time_schedule_id	ϕ	void	organization_id	ϕ	void	
name	text	NN	day_of_week	integer	NN	name	text	NN	
schedule_code	text		start_time	time	NN	holiday_date	date	NN	
is_active	boolean		end_time	time	NN	is_recuring	boolean		
created_at	timestampz		created_at	timestampz		is_active	boolean		
updated_at	timestampz		updated_at	timestampz		created_at	timestampz		
						updated_at	timestampz		
operator_levels			access_thresholds						
id	ϕ	void	id	ϕ	void				
organization_id	ϕ	void	organization_id	ϕ	void				
name	text	NN	name	text	NN				
access_level	integer		min_access_level	integer					
antipassback_level	integer		min_antipassback_level	integer					
arming_level	integer		min_arming_level	integer					
is_active	boolean		is_active	boolean					
created_at	timestampz		created_at	timestampz					
updated_at	timestampz		updated_at	timestampz					
access_group_items			access_groups						
id	ϕ	void	id	ϕ	void				
access_group_id	ϕ	void	organization_id	ϕ	void				
access_point_id	ϕ	void	name	text	NN				
created_at	timestampz		is_active	boolean					
updated_at	timestampz		created_at	timestampz					
			updated_at	timestampz					
access_rules			access_rule_items						
id	ϕ	void	id	ϕ	void				
organization_id	ϕ	void	access_rule_id	ϕ	void				
name	text	NN	access_group_id	ϕ	void				
is_active	boolean		access_point_id	ϕ	void				
created_at	timestampz		time_schedule_id	ϕ	void				
updated_at	timestampz		created_at	timestampz					
			updated_at	timestampz					
authentication_rules			access_point_configs						
id	ϕ	void	id	ϕ	void				
organization_id	ϕ	void	access_point_id	ϕ	void				
name	text	NN	entry_access_threshold_id	ϕ	void				
auth_mode	text		entry_authentication_rule_id	ϕ	void				
is_antipassback	boolean		access_threshold_id	ϕ	void				
is_active	boolean		exit_authentication_rule_id	ϕ	void				
created_at	timestampz		is_active	boolean					
updated_at	timestampz		created_at	timestampz					
			updated_at	timestampz					
personnels			access_grants			access_grant_histories			
id	ϕ	void	id	ϕ	void	id	ϕ	void	
organization_id	ϕ	void	personnel_id	ϕ	void	organization_id	ϕ	void	
employee_id	ϕ	void	access_rule_id	ϕ	void	personnel_id	ϕ	void	
reference_id	text		created_at	timestampz		access_rule_id	ϕ	void	
encrypted_data	text	NN	updated_at	timestampz		encrypted_snaphshot_data	jsonb		
operator_level_id	ϕ	void				created_at	timestampz		
is_active	boolean					updated_at	timestampz		
created_at	timestampz								
updated_at	timestampz								
credentials			credential_histories						
id	ϕ	void	id	ϕ	void				
organization_id	ϕ	void	organization_id	ϕ	void				
personnel_id	ϕ	void	credential_id	ϕ	void				
credential_type	text	NN	personnel_id	ϕ	void				
encrypted_data	text	NN	encrypted_snaphshot_data	jsonb					
credential_status	text		created_at	timestampz					
is_active	boolean		updated_at	timestampz					
created_at	timestampz								
updated_at	timestampz								
interlocks			interlock_access_points						
id	ϕ	void	id	ϕ	void				
organization_id	ϕ	void	interlock_id	ϕ	void				
name	text	NN	access_point_id	ϕ	void				
interlock_type	text		created_at	timestampz					
is_active	boolean		updated_at	timestampz					
created_at	timestampz								
updated_at	timestampz								

