

## DAFTAR GAMBAR

Gambar 3. 1 Alur Deteksi Anomali Trafik .....	13
Gambar 3. 2 Teknik <i>Sliding Window</i> .....	16
Gambar 3. 3 Proses <i>Covariance Matrix</i> .....	17
Gambar 3. 4 <i>Testing Process</i> .....	19
Gambar 3. 5 <i>Training Data</i> .....	19
Gambar 3. 6 Proses Deteksi Anomali .....	20
Gambar 4. 1 Grafik <i>History 36 Covariance 50 Window KDDCUP99</i> .....	25
Gambar 4. 2 Grafik <i>History 36 Covariance 100 Window KDDCUP99</i> .....	26
Gambar 4. 3 Grafik <i>History 36 Covariance 150 Window KDDCUP99</i> .....	27
Gambar 4. 4 Grafik <i>History 36 Covariance 150 Window KDDCUP99</i> .....	28
Gambar 4. 5 Grafik <i>History Covariance Flashcrowd 50 Window</i> .....	29
Gambar 4. 6 Grafik <i>History 36 Covariance Flashcrowd 100 Window</i> .....	29
Gambar 4. 7 Grafik Performansi Deteksi Anomali.....	33
Gambar 4. 8 Grafik Hasil Deteksi Heterogen Normal.....	34
Gambar 4. 9 Grafik Hasil Deteksi Heterogen Normal.....	36
Gambar 4. 10 Trafik Normal <i>World cup</i> hari ke-66 pukul 14.00-16.00 .....	37
Gambar 4. 11 Trafik <i>Flashcrowd</i> flow/2s.....	38
Gambar 4. 12 Grafik Hasil Deteksi Heterogen Normal.....	38